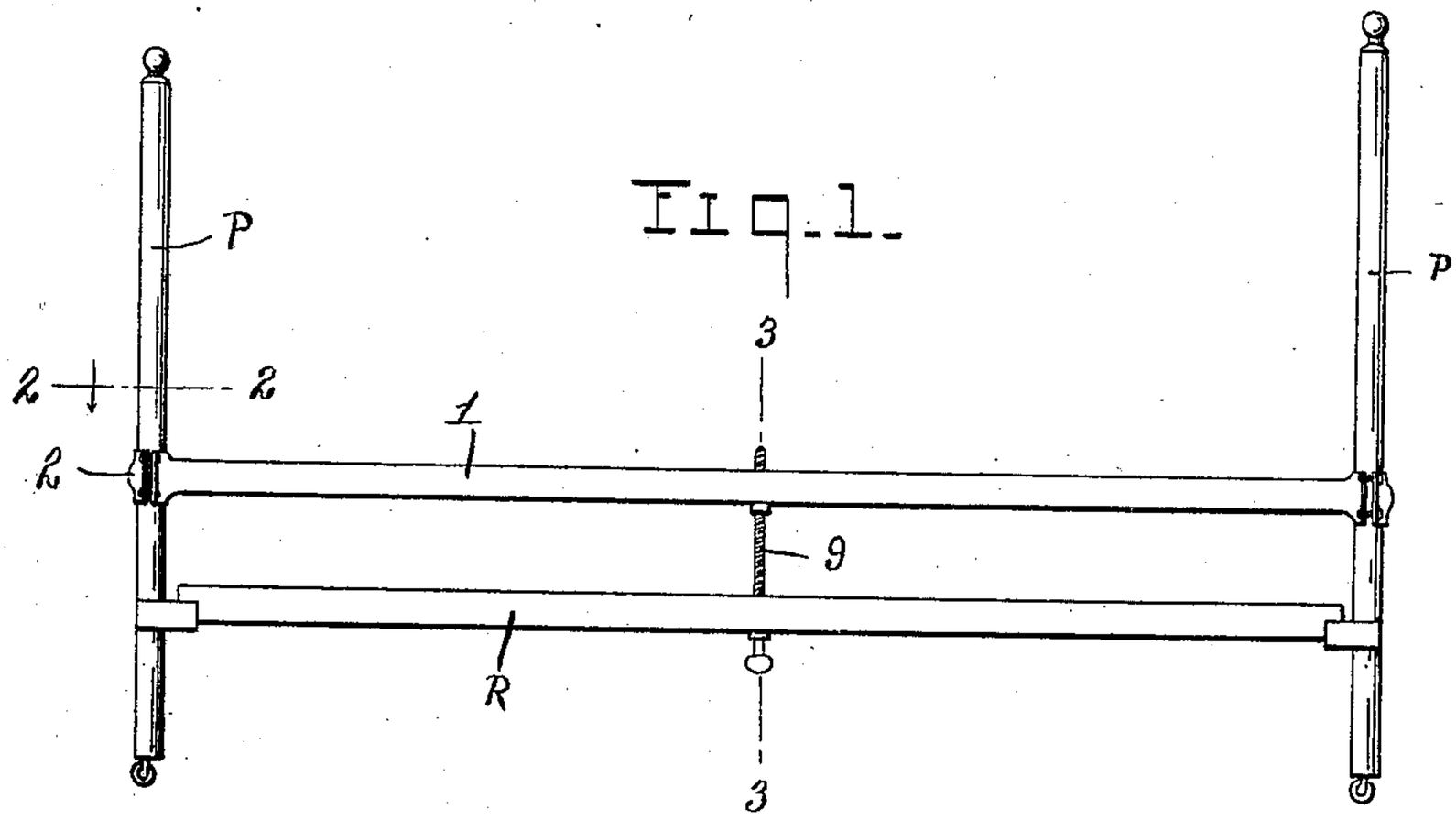
W. M. GOLDSMITH.

GUARD RAIL FOR BEDS.

APPLICATION FILED NOV. 22, 1907.

898,875. Patented Sept. 15, 1908.

Fig. 1.



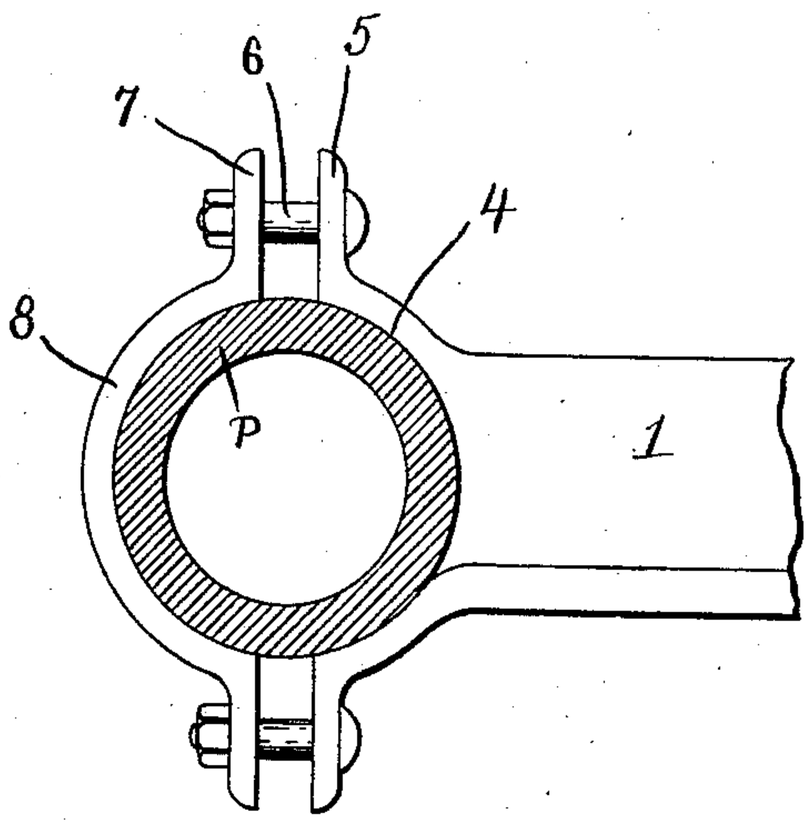


Fig. 2.

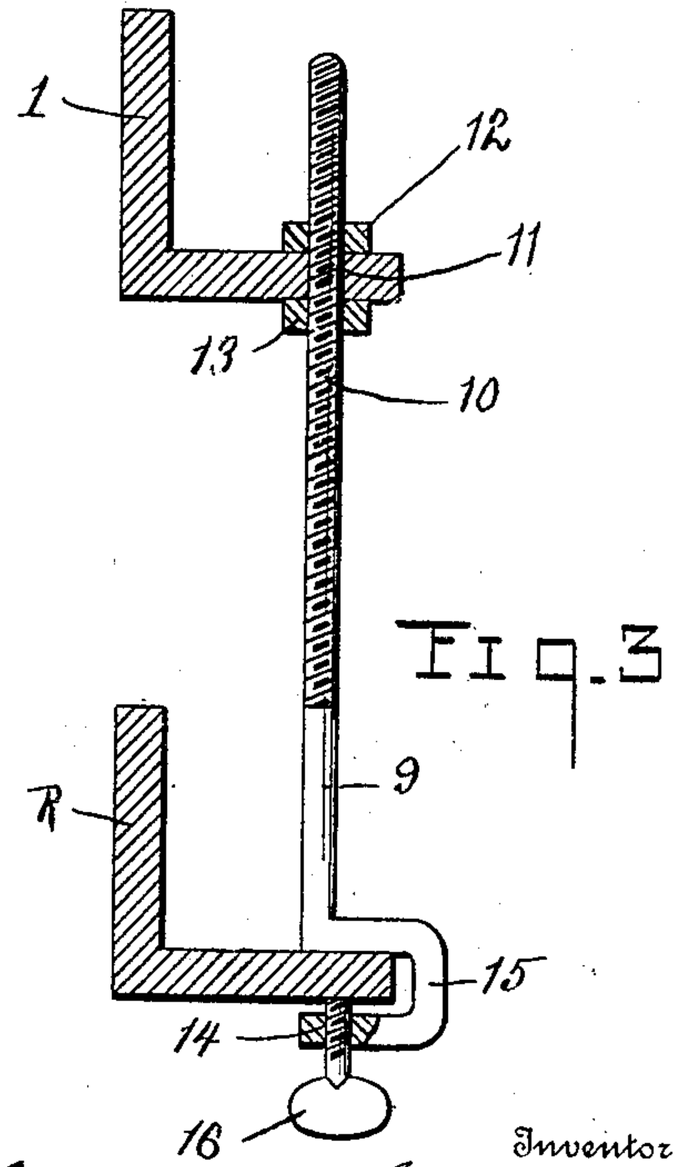


Fig. 3

Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM M. GOLDSMITH, OF SPARTA, MISSOURI.

GUARD-RAIL FOR BEDS.

No. 898,875. Specification of Letters Patent. Patented Sept. 15, 1908.

Application filed November 22, 1907. Serial No. 403,263.

To all whom it may concern:

Be it known that I, WILLIAM M. GOLDSMITH, a citizen of the United States, residing at Sparta, in the county of Christian and State of Missouri, have invented certain new and useful Improvements in Guard-Rails for Beds, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to improvements in beds and more particularly to an adjustable guard rail therefor.

The object of the invention is to provide a simple and practical device of this character which will be in the form of an attachment for ready application to and removal from an ordinary bedstead and which may be readily adjusted vertically upon the latter.

With the above and other objects in view, the invention consists of the novel features of construction and the combination of parts hereinafter described and claimed, and illustrated in the accompanying drawings, in which

Figure 1 is a side elevation of a metal bedstead showing my improved guard rail applied thereto; Fig. 2 is a detail horizontal section taken on the plane indicated by the line 2—2 in Fig. 1 and showing one of the clamps for engaging the corner posts of the bedstead; and Fig. 3 is a detail vertical section taken on the plane indicated by the line 3—3 in Fig. 1 and showing the brace between the guard rail and the side rail of the bedstead.

In the drawings 1 denotes the body portion of my improved guard which is preferably in the form of an angle metal rail or bar adapted to be adjustably mounted between the corner posts P and above the side rail R of a bedstead of any form and construction. As illustrated, the rail R is angular in cross section while the posts P are tubular and cylindrical as is common in metal bedsteads now in general use. At each end of the guard rail 1 is provided a clamp 2 by means of which it may be adjustably secured to the posts P. This clamp, as more clearly shown in Fig. 2, consists in shaping the end of the rail 1 to provide a recess or socket 4 to receive the post and to provide oppositely projecting apertured ears 5 for the reception of clamping bolts 6, which latter also pass through the apertured ends 7 of clips 8. These clips are in the form of plates having their central portions shaped to engage the portion of the post opposite the recess or socket 4 at the end of the rail. By constructing the clamp 3 in this manner it will be seen that it may be applied to corner posts of different sizes and that it may be adjusted vertically thereon and effectively united thereto. In order to support the central portion of the guard rail I employ between it and the side rail R an adjustable brace 9 having its upper end screw threaded as at 10 and passed through a vertical aperture 11 in the horizontal flange of the guard rail 1 and adjustably secured in said aperture by clamping nuts 12, 13 arranged upon it above and below said flange. At the lower end of the brace 9 is provided a clamp 14 adapted to engage the horizontal flange of the side rail R and consisting of a laterally or transversely disposed U-shaped portion 15 adapted to take over said flange of the rail and provided with a clamping screw 16 as clearly shown in Fig. 3. The clamp 14 enables the brace to be readily secured upon side rails of different sizes and the adjustable connection between the upper end of the brace and the guard rail enables the latter to be adjusted vertically as will be readily understood.

From the foregoing it will be seen that the invention provides a simple, inexpensive, strong and durable attachment which may be quickly and easily applied to ordinary metal bedsteads and as readily removed therefrom when not needed. It may also be easily adjusted upon the bedstead so as to position the guard rail at the desired distance above the side rail.

Having thus described my invention what I claim is:

1. In a device of the character described, a guard rail having an aperture intermediate its ends, means for securing the ends of the guard rail to the corner posts of a bedstead, a brace having a screw threaded portion passed through the aperture in the guard rail, nuts upon the threaded portion of the brace above and below the guard rail, and means for securing the lower portion of the brace to the side rail of a bedstead.

2. In a device of the character described, a guard rail having an aperture intermediate its ends, means for securing the ends of the guard rail to the corner posts of a bedstead, a brace having a screw threaded portion passed through the aperture in the guard rail, nuts upon the threaded portion of the brace above and below the guard rail, and a

clamp carried by the brace to engage the side rail of a bedstead.

3. In a device of the character described, a guard rail having clamps at its ends to engage the corner posts of a bedstead, a brace having its upper end threaded and passed through an aperture in the guard rail, nuts on the threaded portion of the brace above and below said rail, a U-shaped clamp at the lower end of the brace adapted to engage the side rail of a bedstead and a set screw arranged in said U-shaped clamp.

4. In a device of the character described, a guard rail having its ends shaped to engage the corner posts of a bedstead, clamping plates to engage the bed posts and disposed opposite the ends of the guard rail, clamping bolts passed through the plates and the ends of said guard rail, a brace having a screw threaded portion passed through an aperture in the guard rail, nuts upon the threaded portion of the brace above and below the guard rail, a U-shaped clamp at the lower end of the brace adapted to engage the side rail of the bedstead and a set screw arranged in said U-shaped clamp.

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

WILLIAM M. GOLDSMITH

Witnesses:
M. E. Lee,
Lucile Adams.