

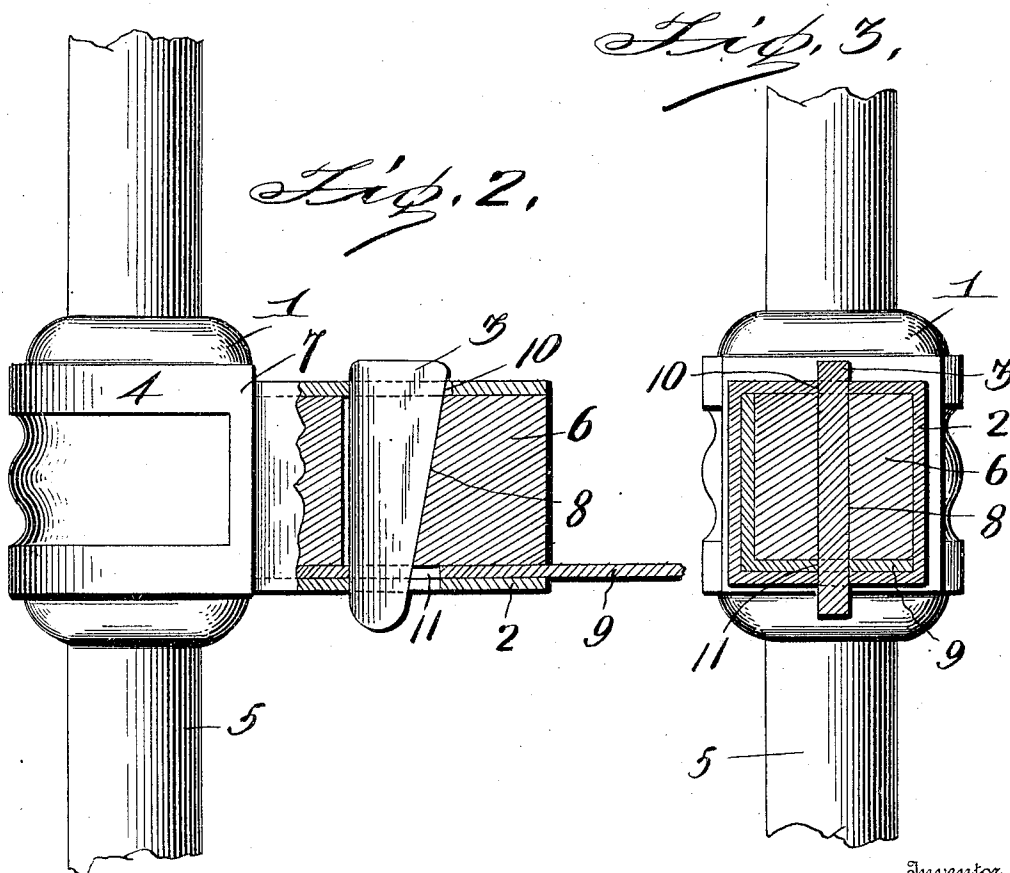
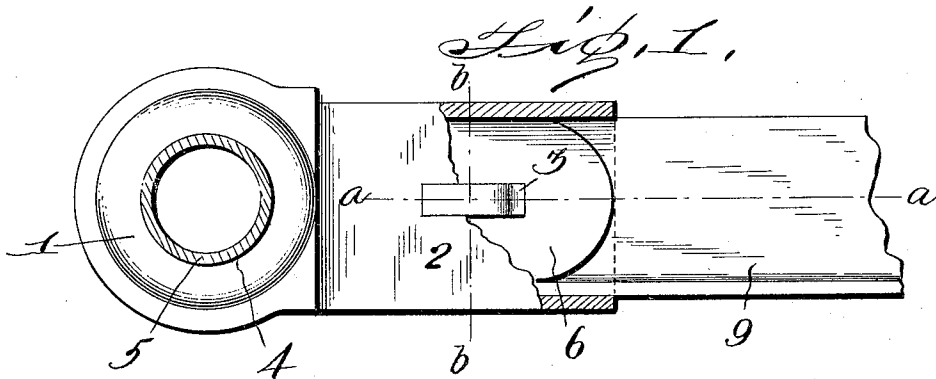
No. 800,006.

PATENTED SEPT. 19, 1905.

J. NELSON.

BED RAIL FASTENER FOR METALLIC BEDSTEADS.

APPLICATION FILED MAY 9, 1904.



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN NELSON, OF OTTAWA, KANSAS.

BED-RAIL FASTENER FOR METALLIC BEDSTEADS.

No. 800,006.

Specification of Letters Patent.

Patented Sept. 19, 1905.

Application filed May 9, 1904. Serial No. 207,097.

To all whom it may concern:

Be it known that I, JOHN NELSON, a citizen of the United States, residing at Ottawa, in the county of Franklin and State of Kansas, have invented certain new and useful Improvements in Bed-Rail Fasteners for Metallic Bedsteads; and I do 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.

My invention is an improved bed-rail fastener for iron bedsteads adapted for readily attaching a bed-rail to a bedstead-post, so that it may be readily detached therefrom, and for so securely connecting the bed-rail to the bedstead-post that the same cannot become casually detached therefrom.

My invention consists in the construction and combination of devices hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a top plan view, partly in section, of a bed-rail fastener embodying my improvements. Fig. 2 is partly a side elevation and partly a longitudinal sectional view of the same, taken on the plane indicated by the line *aa* of Fig. 1. Fig. 3 is a transverse sectional view of the same, taken on the plane indicated by the line *bb* of Fig. 1.

My improved bed-rail fastener comprises a post member 1, a bed-rail 9, a rail member 2, and a key 3. The post member, which may be wrought or a casting and is usually the latter, is provided with an eye 4, through which the post 5 extends, and has a tenon 6 projecting from the eye, the latter being formed with a shoulder 7 at the inner end of the tenon. The tenon may be square or of any other shape in cross-section, according to the cross-sectional shape of the bed-rail. An opening 8, which is wedge-shaped and has downwardly-converging sides, is made vertically through the tenon at a suitable distance from its outer end. The bed-rail 9, which is here shown as L-shaped in cross-section, is adapted to bear against the upper and under sides of the tenon, as shown in Fig. 3, and is provided at its ends with the member 2, which is a sleeve that receives the end of and is secured to the bed-rail and forms a socket thereon for the reception of the tenon. The said sleeve or socket member is provided with an opening 10 to

register with the opening 8 of the tenon, the rail being here shown as provided with a similar opening 11. When the bed-rail is thus attached to the bed-post member, the key 3, which is wedge-shaped, as shown, is placed in the alined openings of the tenon of the bed-rail and socket member 2 and serves to draw the end of the bed-rail and its socket member firmly against the shoulder 7 of the post member and to lock said bed-rail and the said members 1 2 together, as will be understood. To disconnect the bed-rail from the post, it is only necessary to first remove the key. It will be understood that the latter when engaged with the members of the post and bed-rail serves to effectually prevent casual disengagement thereof. It will also be understood that my improved bedstead-rail fastener is exceedingly simple in construction and is exceedingly strong and durable and may be manufactured at slight cost.

The bed-rail may be of any shape in cross-section, and the same is true of the socket member of the tenon of the post member. I do not desire to limit myself in this particular.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

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

The combination of a post member having an eye for the reception of a post, and a tenon of cross-sectionally-rectangular form projecting from one side of the eye and having a shoulder at its inner end; a bed-rail of angle metal having two sides bearing against the two sides of the tenon; a sleeve, of cross-sectionally-rectangular form, on the end of the bed-rail, two of the sides of the bore of the sleeve bearing against two of the sides of the tenon, the other two sides of the bore of the sleeve bearing against the outer sides of the bed-rail, said tenon having a transverse wedge-shaped opening, and said bed-rail and sleeve having openings coincident therewith, and a

wedge-shaped key in said openings and locking the bed-rail, the sleeve and the sleeve member to the tenon of the post member and drawing the ends of the bed-rail and sleeve
5 against the shoulder at the inner end of the tenon, substantially as described.

In testimony whereof I have hereunto set

my hand in presence of two subscribing witnesses.

JOHN NELSON.

Witnesses:

VERNON SMITH,
J. S. GRANGER.