

(No Model.)

G. HARRIS.
BED BRACKET.

No. 541,819.

Patented June 25, 1895.

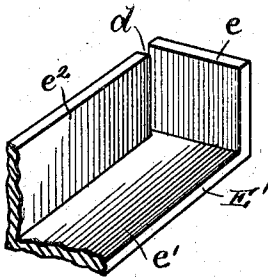
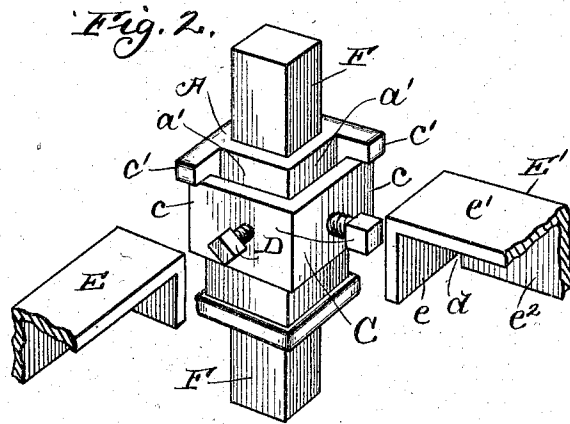
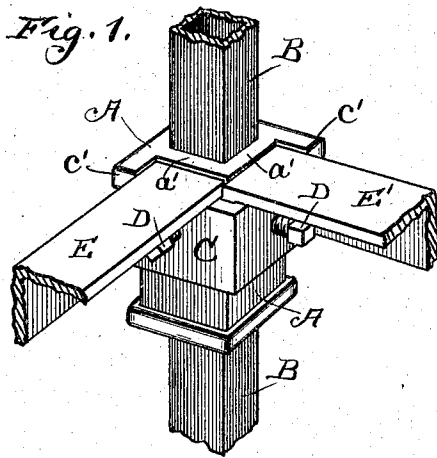
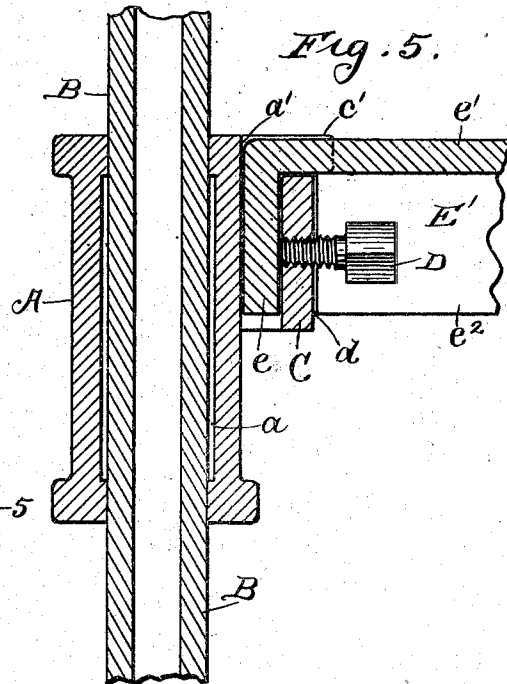
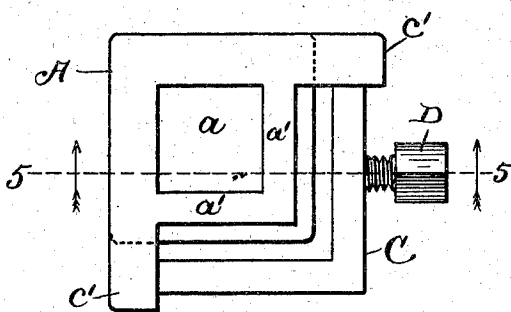


Fig. 4.



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Inventor:
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UNITED STATES PATENT OFFICE.

GEORGE HARRIS, OF CHICAGO, ILLINOIS, ASSIGNOR TO JOHN BECKER, OF
SAME PLACE.

BED-BRACKET.

SPECIFICATION forming part of Letters Patent No. 541,819, dated June 25, 1895.

Application filed September 15, 1894. Serial No. 523,074. (No model.)

To all whom it may concern:

Be it known that I, GEORGE HARRIS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Bed-Brackets, of which the following is a specification.

This invention relates to improvements in the manner of securing the bed-posts, side and end-rails of bedsteads together, and while it is more especially adapted for use on iron beds, yet it is applicable to other beds; and it consists in certain peculiarities of the construction, novel arrangement, and operation of the various parts thereof, as will be hereinafter more fully set forth and specifically claimed.

The objects of my invention are first, to provide a bracket or brace for bedsteads, which shall be simple, and inexpensive in construction, strong and durable, yet effective in operation; and second, such a bracket, which by reason of its construction, will hold the various parts of the bed more firmly together, than is done by the appliances now in ordinary use, and will render it an easy matter to take the pieces apart, or put them together, when desired.

In order to enable others skilled in the art to which my invention pertains to make and use the same, I will now proceed to describe it, referring to the accompanying drawings, in which—

Figure 1 is a perspective view of a portion of one of the bed-posts, showing my bracket in place thereon and a portion of one of the side and end rails in position in the bracket. Fig. 2 is a perspective view of a modification in the construction of the bracket, showing one of the side and end rails removed therefrom. Fig. 3 is a perspective view of a portion of one of the side or end rails inverted. Fig. 4 is a plan view of the bracket; and Fig. 5 is a sectional view taken on line 5 5 of Fig. 4, showing the bed-post in position in the bracket.

Similar letters refer to like parts throughout the different views of the drawings.

A, represents the bracket, which may be made of any suitable size and material, but preferably of metal, and rectangular in shape. As shown in Figs. 1, 4, and 5, of the draw-

ings, this bracket is provided with a vertical opening *a*, through which the bed-post B, is passed and may be secured by means of set-screws, seated in the bracket, or otherwise, if desired. The opening *a*, for the reception of the bed-post may be square, as shown, or cylindrical, or of any shape and size to conform with the bed-post, but has the exterior surface of its inner sides *a'*, preferably made flat and at right angles with each other, in order that the ends of the side and end-rails may contact therewith, and be firmly held when placed in position, as will presently be explained. Around the sides *a'*, and some distance therefrom, is formed or provided a flat strap C, which is united to the body of the bracket at its diagonally opposite corners *c*. This strap is also rectangular, and as before stated is placed so as to provide a space between it and the sides *a'*, of the body of the bracket, and may be provided with set-screws D, for securing the ends of the side and end-rails E, and E', respectively, which as shown in the drawings, are made of angle iron, and have the ends *e*, of their upper portion *e'*, bent down at a right angle, so as to fit within the space between the strap C, and the sides *a'*, of the bracket. The side portions *e''*, of the angle irons, constituting the side and end-rails, are cut-away vertically at their ends, so as to provide a space or slot *d*, between the said ends and the down-turned ends *e*, of sufficient size to admit of the insertion of the strap C, which will support the rails, and prevent any dislocation thereof. In order to more firmly fasten the rails within the bracket, I may provide the strap C, with set-screws D, which may be tightened on the down-turned ends *e*, of the rails, and thus force them into close contact with the sides *a'*, of the body of the bracket.

As is clearly seen in Figs. 1, and 2, of the drawings, the top of the strap C, is placed somewhat below the top of the bracket, and usually about the distance of the thickness of the upper part *e'*, of the angle irons, composing the bed-rails, thus forming arms or projections *c'*, on each of the outer sides of the bracket, which will prevent any lateral movement of the rails, as is obvious.

In Fig. 2 of the drawings, I have shown a modification in the construction of my

5 bracket, in which instead of forming it with an opening, for the reception of the bed-post, as above set forth, a projection F, on each end of the bracket is provided, which projection is adapted to fit within the hollow bed-
 10 post, which may be of any desired shape and size.

From the foregoing and by reference to the drawings, it will be seen and understood, that
 15 by the use of my bracket and peculiarly formed side and end rails, the parts of the bed may be readily put together and firmly held in position, or when it is desired to separate them, they can as easily be removed.

15 It is obvious that the hollow bracket may be secured on the bed-post, by means of a set-screw, as above stated, or it may be shrunk thereon or secured thereto in any desired manner.

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

1. The combination of a bracket having means for securing it to the bed-post and a
 25 right angled strap on the exterior of its inner sides, said strap having set screws to engage the side and end rails with the side and end-rails made angular in cross section and having the ends of their upper parts down-turned

to engage the strap, and the ends of their side 30 portions cut away to form an opening for the reception of said strap substantially as described.

2. The combination of a bracket having an opening for the reception of the bed-post and 35 a right angled strap on the exterior of its inner sides, with the side and end-rails made angular in cross-section and having the ends of their upper parts down-turned to engage the strap and the ends of their side portions 40 cut-away to form an opening for the reception of said strap, substantially as described.

3. The combination of the bracket A, having the opening a, for the post, the flat sides a', at right angles with each other and the 45 right angled strap C, on the exterior of its inner sides, but at a distance from the sides a', and the arms c, on the outer sides of the bracket, with the side and end-rails made angular in cross section and having the ends of 50 their upper parts down-turned to engage the strap and the ends of their side portions cut-away to form an opening for the reception of said strap, substantially as described.

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Witnesses:

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