

No. 676,652.

Patented June 18, 1901.

C. R. BARKER.
HOOK OR SUPPORT FOR BED SPRING FRAMES.

(Application filed Jan. 8, 1901.)

(No Model.)

FIG. 1.

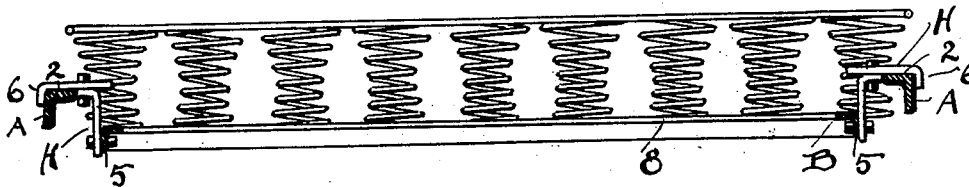


FIG. 2.

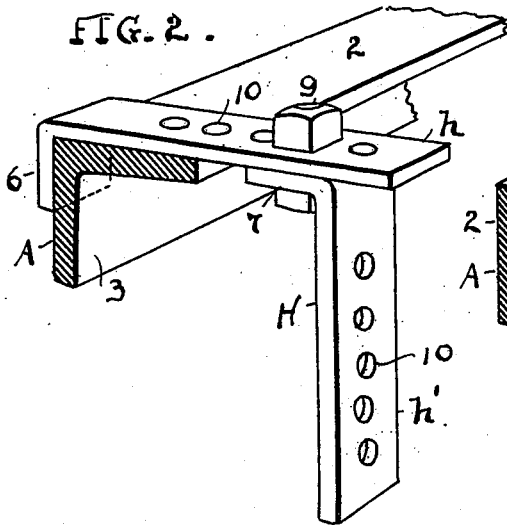
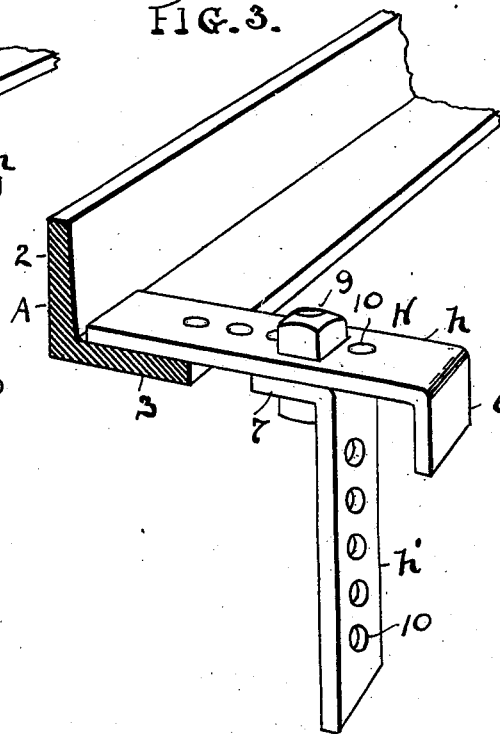


FIG. 3.



ATTEST
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CHARLES R. BARKER, OF CLEVELAND, OHIO, ASSIGNOR TO THE CLEVELAND
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HOOK OR SUPPORT FOR BED-SPRING FRAMES.

SPECIFICATION forming part of Letters Patent No. 676,652, dated June 18, 1901.

Application filed January 8, 1901. Serial No. 42,549. (No model.)

To all whom it may concern:

Be it known that I, CHARLES R. BARKER, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Hooks or Supports for Bed-Spring Frames; and I do declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to hooks or supports for bed-spring frames; and the object of the invention is to furnish a hook which is adapted to support spring-frames on various styles of side rails and on bedsteads or frames of varying widths.

These hooks or supports are separate articles of manufacture and usually are furnished to the trade with the spring-frames or frames carrying springs upon which the mattresses rest directly or indirectly, and they are shown herein as removably attached to the spring-frame. In this form, or, at least, with this adaptability, they go to the trade; but once placed on the market a frame of this kind is liable to encounter a great variety of conditions to which it must accommodate itself or run the risk of being rejected. One of these conditions is the great diversity of side rails made by different manufacturers of bedsteads, and another condition is the difference in width of such bedsteads, varying often with the same manufacturer. There is also the elevation or height of the spring-frame and of springs as compared with the side rails, which is a no less important consideration than the others, especially when wooden side rails are met with. My invention, therefore, is devised and designed to meet all these common and varying conditions and to adapt my hook equally well to all, however much the conditions may differ in detail. To these ends my invention consists in a sectional adaptable hook or support, substantially as shown and described, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a cross-section of a set of angle-iron side rails of a bedstead and an end elevation of a spring-carrying frame supported thereon by my im-

proved hooks. Fig. 2 is an enlarged perspective elevation of one of my new hooks or supports engaged on a section of an angle-iron side rail turned with a flat side uppermost, as in Fig. 1. Fig. 3 shows the same parts as in Fig. 2 in the same relation, except that the side rail is turned a quarter way around and the upper hook-section is reversed endwise.

A represents the side rails of a bedstead, and the same style of rail, or rather the same rail, is shown in all three views, but shown in Figs. 1 and 2 as turned to bring its flat surface or side 2 on top and have the hook engage across the same over the outer edge thereof, while in Fig. 3 the said rail is turned to bring its side 2 vertical and its side 3 flatwise below to furnish an inner or inwardly-extending ledge for the hooks or supports to rest upon. In this latter case the reverse or plain end of the hook rests flat upon the side or ledge 3, with its end abutting against the vertical edge 2.

The spring-carrying frame B has a series of spiral or coiled springs 8 resting thereon; but it is immaterial to this invention what kind of springs or mattresses are used in connection with said frame, and the frame and springs may be connected or separated at pleasure. The frame B also is shown as having angular side bars 5, to which the hooks are attached by bolts or screws, thus making a rigid connection of the hooks with the said frame. Said bars 5 may be of any practical shape.

The hooks H are constituted of two sections, pieces, or members *h* and *h'*, respectively, and in the style shown here each has one end bent short at right angles to form a hook portion, and said sections or pieces in this case are duplicates of each other for convenience in manufacture and use. They might, however, differ and be within the invention. Each has a hook portion 6 and 7, respectively, so designated for convenience of description, but shown as alike. The two pieces may therefore exchange places and not change the appearance or character of the hook as a whole. Each piece or section has perforations lengthwise, two or more of such perforations sufficing; but slots would be the full equivalent of perforations and serve the same pur-

pose. The object of the perforations or slots is to adapt the hook to different widths and different conditions met with in practically adapting the spring-frame to beds as they are found, as hereinbefore described, and the perforations serve to extend or to narrow the hook laterally or to extend it lengthwise or vertically, as may be needed.

As the parts are arranged in Figs. 1 and 2 the hooks at each side engage over the outer edges of the side rails of the bed and prevent spreading of the bed, as well as serving to hold the spring-frame in place. In Fig. 3 the ends of the piece *h* are reversed, because in this case a flat inside support 3 is provided with a rising flange 2 outside, against which the end of member *h* rests. Then with the opposite side of frame B supported in like manner the frame B will rest upon and between the said side rails and cannot move laterally in either direction. The same effect is obtained in Fig. 1, and any equivalent construction and arrangement to these may be adopted and be within my invention. In most cases a hook on the member *h* might even be omitted, because the hook on the other member would be close enough to the rail to prevent undue lateral sliding on the side rails.

A short bolt or screw 9 serves to lock the pieces of the hook together, and a suitable bolt, screw, rivet, or the like serves to make connection with the spring-frame.

By the term "hook" or "support" as used herein I mean the entire article consisting of sections or pieces *h* and *h'*, and whereby the spring-carrying frame is suspended from the bed-frame or side rails. Two to four of these may be used on each side of the bed.

What I claim is—

1. A hook for bed-spring frames consisting of two parts constructed to be adjustably connected at right angles to each other, one of said parts having a series of perforations be-

tween its ends and a right-angled hook adjustably connected with the body of the other part at its under side, and said other part having a hook to engage over the top of a side rail of a bedstead, substantially as described.

2. A hook-support for bed-spring frames consisting of two pieces constructed to be adjustably connected, one of said pieces having a hook at one end at right angles to its body and a bolt securing said piece through said hook against the bottom of the other piece, substantially as described.

3. A hook or support for bed-spring frames formed in two pieces adjustably secured together at right angles to each other and each provided with openings between its ends, the lower one of said pieces provided with openings to make adjustable connection with the bed-spring frame, substantially as described.

4. A two-part hook or support for bed-spring frames, each part having one end fashioned into a hook at right angles to its body and said parts constructed between their ends to effect both lateral and vertical adjustment in adapting the hook to working position, and a bolt connecting the hook of the lower part through the body of the other part, substantially as described.

5. A bed-spring frame and a bedstead having side rails, in combination with hooks supporting the said frame on the side rails of the bedstead, said hooks each consisting of two pieces connected at right angles to each other and constructed between their ends to make adjustable connections between the said frame and the bedstead both vertically and horizontally, substantially as described.

Witness my hand to the foregoing specification this 14th day of December, 1900.

CHARLES R. BARKER.

Witnesses:

W. W. COMSTOCK,
GEO. DAY.