

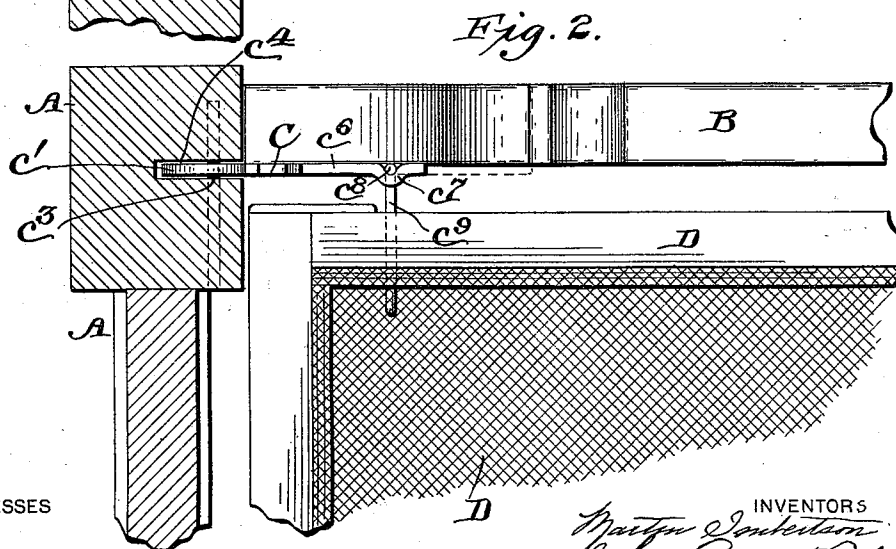
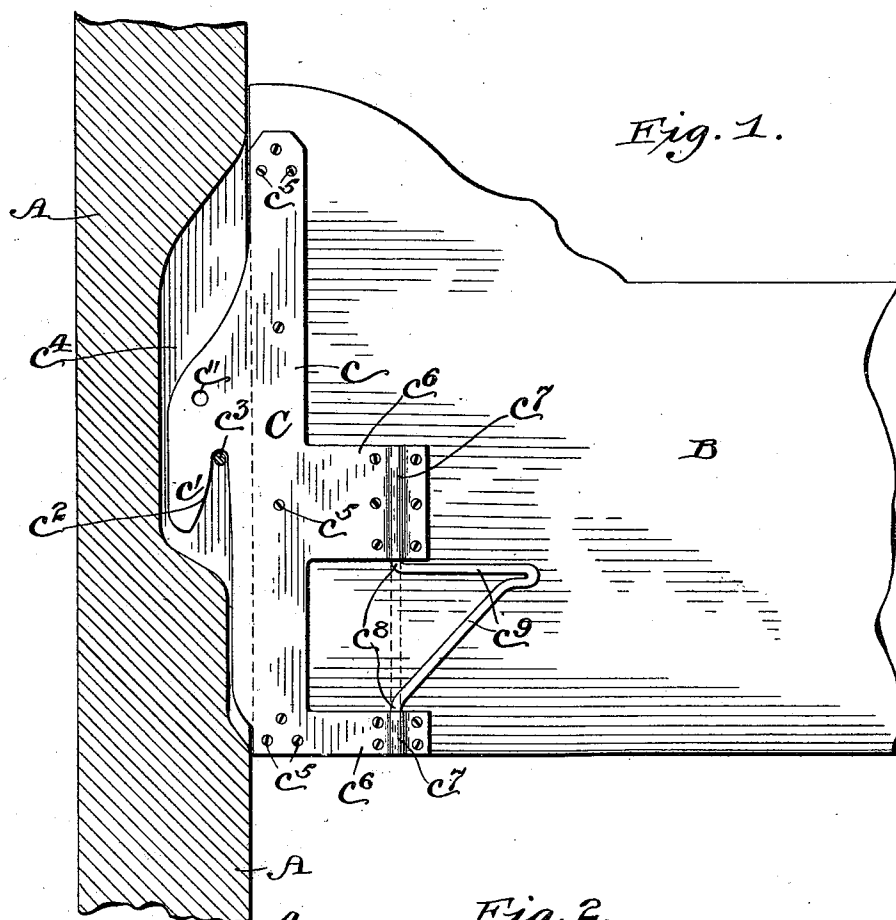
(No Model.)

M. IMBERTSON & J. A. CARLSON.

COMBINED BEDSTEAD FASTENING AND BED SPRING SUPPORT.

No. 555,042.

Patented Feb. 18, 1896.



WITNESSES

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UNITED STATES PATENT OFFICE.

MARTIN IMBERTSON AND JOHN AUGUST CARLSON, OF DULUTH,
MINNESOTA.

COMBINED BEDSTEAD-FASTENING AND BED-SPRING SUPPORT.

SPECIFICATION forming part of Letters Patent No. 555,042, dated February 18, 1896.

Application filed November 9, 1895. Serial No. 568,473. (No model.)

To all whom it may concern:

Be it known that we, MARTIN IMBERTSON and JOHN AUGUST CARLSON, citizens of the United States, residing at Duluth, in the county of St. Louis and State of Minnesota, have invented certain new and useful Improvements in a Combined Bedstead-Fastening and Bed-Spring Support; and we do hereby 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.

Our invention relates to improvements in a combined bedstead-fastening and mattress-support; and it consists of the combination, with a suitable bedstead-fastening, of a hinged bracket mounted on the same and adapted to be turned outward at will to support the mattress without the aid of slats.

In the accompanying drawings, forming part of this specification, Figure 1 represents a side elevation of our invention applied to a bedstead, the latter being broken away; and Fig. 2 represents a top plan view of the same, showing the hinged bracket in its outer position supporting a spring-mattress.

A in the drawings represents the head of the bedstead; B, one of the side rails; C, our improved fastening and support, and D the wire mattress. The said fastening and support consists of a flat plate *c*, having a forwardly-projecting hook *c'* at its front edge. The inner edge of this hook is inclined, as at *c''*, so that when said hook is slipped over a lateral pin *c'''* arranged in a vertical slot *c''''* in the bedstead-head the inclined edge will engage the inner side of said pin and draw the plate C forward, and as the side rail continues to descend its end will be drawn firmly against the head of the bedstead. One of said plates C is attached to the inner side of each side rail at each end by suitable screws or rivets *c'''''*.

The inner edge of each plate C is provided with two spaced ears *c''''''*, each of which is stamped near its end on its inner face to form a vertical groove *c'''''''*. These grooves, when the plate is applied to the side B, form journal-boxes for the journal ends *c''''''''* of the brackets *c''''''''*. These brackets are preferably formed of stiff wire, and each comprises a horizontal mattress-supporting portion and an inclined

brace portion. The hook *c'* is provided with an aperture *c''* for securing the plate to the other parts during shipments.

It will be observed that the mattress D is supported directly upon the hinged brackets, whereby the use of slats or other supporting devices is obviated.

A very important feature of our invention is the hinged construction of the bracket, whereby the mattress can be removed or replaced on the bed by a single person and with very little trouble. When it is desired to remove the mattress one end is slightly raised and the brackets turned into their closed position, as shown in Fig. 1. This end of the mattress can then be lowered to the floor. The other end is then treated in a similar manner. The mattress can then be slipped from beneath the bed or left on the floor under the same, as desired. When the mattress is to be replaced it is first slid directly under the bed, if it has been removed from this position, and one end is raised until it is above the brackets of its respective end. The brackets are then moved to the position shown in Fig. 2. The other end of the mattress is treated in the same manner. It is further to be observed that by reason of the plate *c* being fastened solidly to the rail and having a long vertical diameter the rail is thereby held plumb with face of head-board or foot-board, and allows of no rocking motion or play.

We do not wish to confine ourselves to the use of wire for the spring-supporting bracket, as the same may be cast or formed in any other suitable manner.

Having now described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. In a combined bedstead-fastening and mattress-support, the combination with a suitable bedstead-fastening, of a hinged mattress-supporting bracket mounted on the same and adapted to be turned to an outer supporting position or into an inner position out of the path of the mattress at will, substantially as described.

2. In a combined bedstead-fastening and mattress-support, the combination with a plate adapted to be attached to the side of a bedstead and having a hook for engaging a

pin on the head of a bedstead, of a hinged
bracket mounted on said plate and adapted
to be turned outward at will to support a
mattress without the aid of slats or the like,
5 substantially as described.

3. In a combined bedstead-fastening and
mattress-support, the combination with a
plate adapted to be attached to the side of a
bedstead and having a hook for engaging a
10 pin on the head of the bedstead, a bracket,
and two projections formed on said plate and

provided with grooves for receiving the jour-
nal ends of the said bracket, substantially as
described.

In testimony whereof we hereunto affix our 15
signatures in presence of two witnesses.

MARTIN IMBERTSON.
JOHN AUGUST CARLSON.

Witnesses:

JAMES T. WATSON,
JOHN H. BRIGHAM.