

(No Model.)

C. E. McCLINTOCK.
BEDSTEAD.

No. 479,013.

Patented July 19, 1892.

Fig. 1.

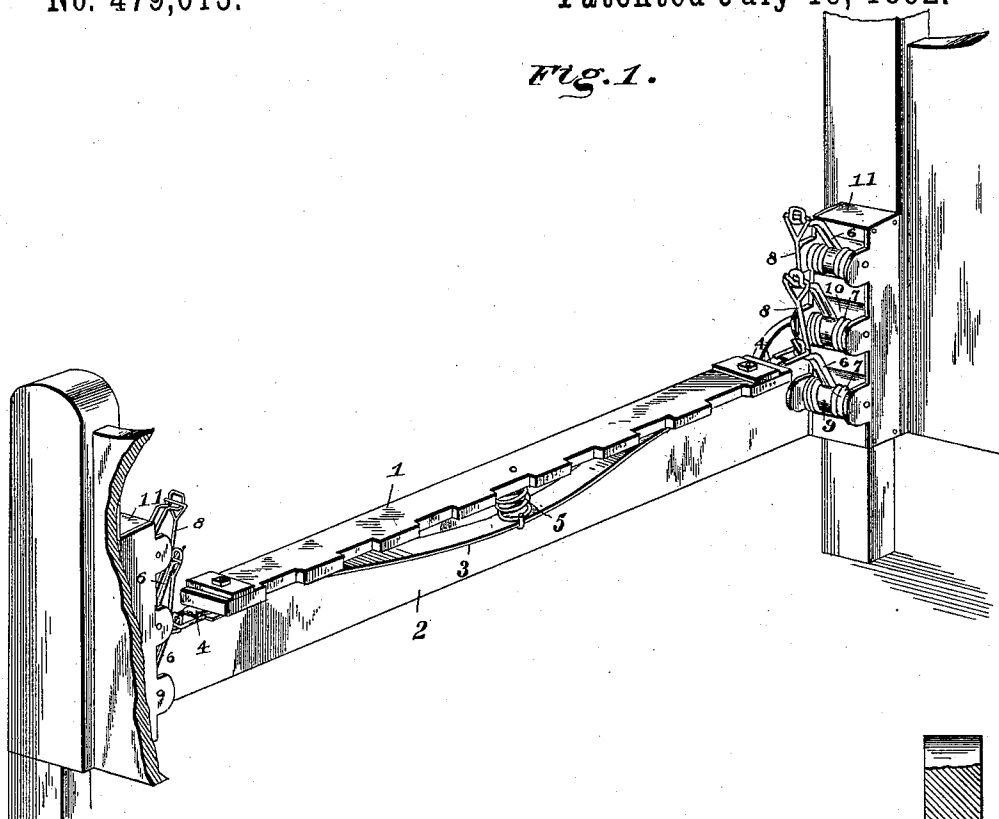
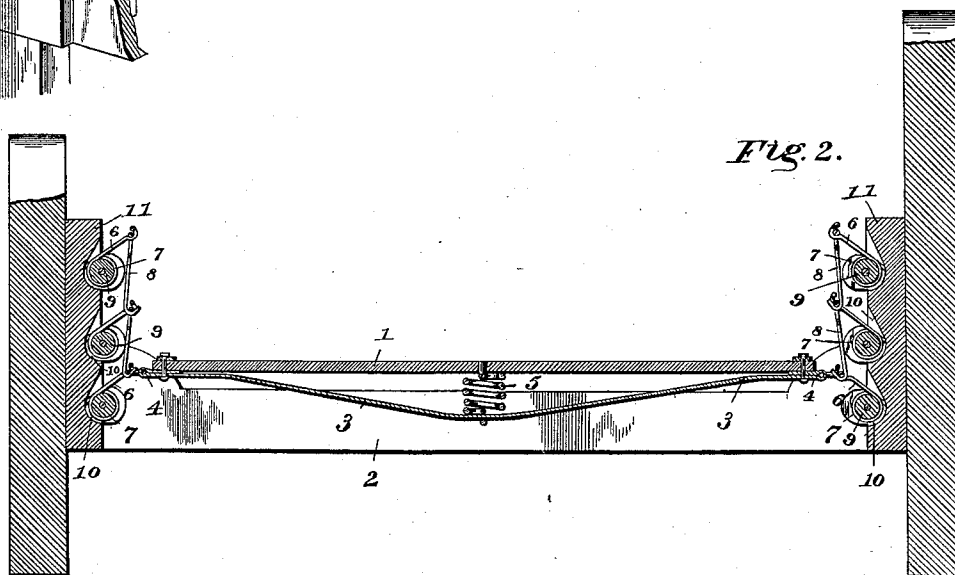


Fig. 2.



Witnesses

J. Ulmer Jr.
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UNITED STATES PATENT OFFICE.

CHARLES E. MCCLINTOCK, OF OZARK, ASSIGNOR OF ONE-HALF TO HYMENUS G. SADLER AND RALPH A. SADLER, OF PARIS, ARKANSAS.

BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 479,013, dated July 19, 1892.

Application filed March 3, 1892. Serial No. 423,614. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. MCCLINTOCK, a citizen of the United States, residing at Ozark, in the county of Franklin and State of Arkansas, have invented a new and useful Bedstead, of which the following is a specification.

The invention relates to improvements in bedsteads.

10 The object of the present invention is to provide spring-supports for holding the slats and to enable the strength of the springs to be readily adjusted to suit the weight of a person.

15 The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

20 In the drawings, Figure 1 is a perspective view of a portion of a bedstead provided with my improvements. Fig. 2 is a longitudinal sectional view.

Like numerals of reference indicate corresponding parts in both the figures.

25 1 designates a slat-supporting bar, which is connected with head and foot boards and which is arranged adjacent to a side rail 2 and which is trussed by a metal strap 3. The metal strap 3 is arranged on the lower face of the slat-supporting bar 1 and is provided at its ends with loops 4 and is secured at its ends to the bar 1 and is cushioned intermediate its ends by a spring-strut 5, consisting of a spiral spring, only one being shown in the drawings; but more may be added, if found necessary or desirable. The spring and the truss-strap 3 causes the slat-supporting bar to be sufficiently resilient throughout its length to enable the slats to yield slightly to form a yielding support for the bed.

40 The loops 4 are each connected with a hooked arm 6 of a supporting-spring 7. The supporting-spring 7 is arranged around a cylindrical core or block 9 and is secured in recesses or seats 10 of a block 11 and is provided with right and left hand coils arranged on opposite sides of the arm 6, whereby the draft on the arm will be at the center of the 50 spring to prevent the latter shifting later-

ally. In order to enable the bed to support without liability of breaking or straining the parts heavy persons or two or more persons, a series of springs 7 is provided at each end of the slat-supporting bar and are connected 55 with one another by hook-links 8. Each of the said hook-links is provided at one end with a loop, which engages a hooked arm 6, and at the other end with a hook to engage a loop of another hook-link. The hook-links 60 connecting the upper springs of the series may be readily detached to regulate the strength of the spring-support to the person or persons using the bed. The block 11, which is provided with recesses or seats 10 for the 65 coils of the springs, is secured to the head or foot board and affords convenient means for attaching a rail-lock to a head or foot board.

The improvements herein shown and described are applicable to all kinds of bedsteads, as will be readily understood, and I desire it also to be understood that I do not limit myself to the precise details of construction herein shown and described, as I may, without departing from the spirit of the in- 75 vention, make minor changes therein.

What I claim is—

1. The combination, with a bedstead, of a slat-supporting bar provided at its ends with hinged loops, and the series of springs arranged at the ends of the bedstead and having right and left hand coils, and a centrally-arranged hooked upwardly-extending arm detachably engaging the loops, substantially 85 as described.

2. The combination, with a bedstead, of a slat-supporting bar provided at its ends with loops, a series of supporting-springs arranged at each end of the bedstead and each spring having a centrally-arranged hooked arm, and 90 coils arranged on opposite sides of the arm, and the detachable link-hooks connecting the arms of the springs, the lower spring having its arm engaging the adjacent loop of the slat-supporting bar, substantially as described. 95

3. The combination of a bedstead provided with blocks 11, the supporting-springs secured to the blocks and each provided with a centrally-arranged hooked arm and with coils 100

arranged on opposite sides of the arm, the
hook-links connecting the arms of the springs
and provided at one end with a loop and at
the other end with a hook, the cylindrical
5 cores arranged within the coils, the slat-sup-
porting bar, the truss-strap secured to the
lower face of the bar and provided at its ends
with loops engaging the arms of the lower-
most springs, and an elastic spring-strut in-

terposed between the strap and the slat-sup- 10
porting bar, substantially as described.

In testimony that I claim the foregoing as
my own I have hereto affixed my signature in
the presence of two witnesses.

CHARLES E. MCCLINTOCK.

Witnesses:

T. C. MOORE,

H. G. SADLER.