

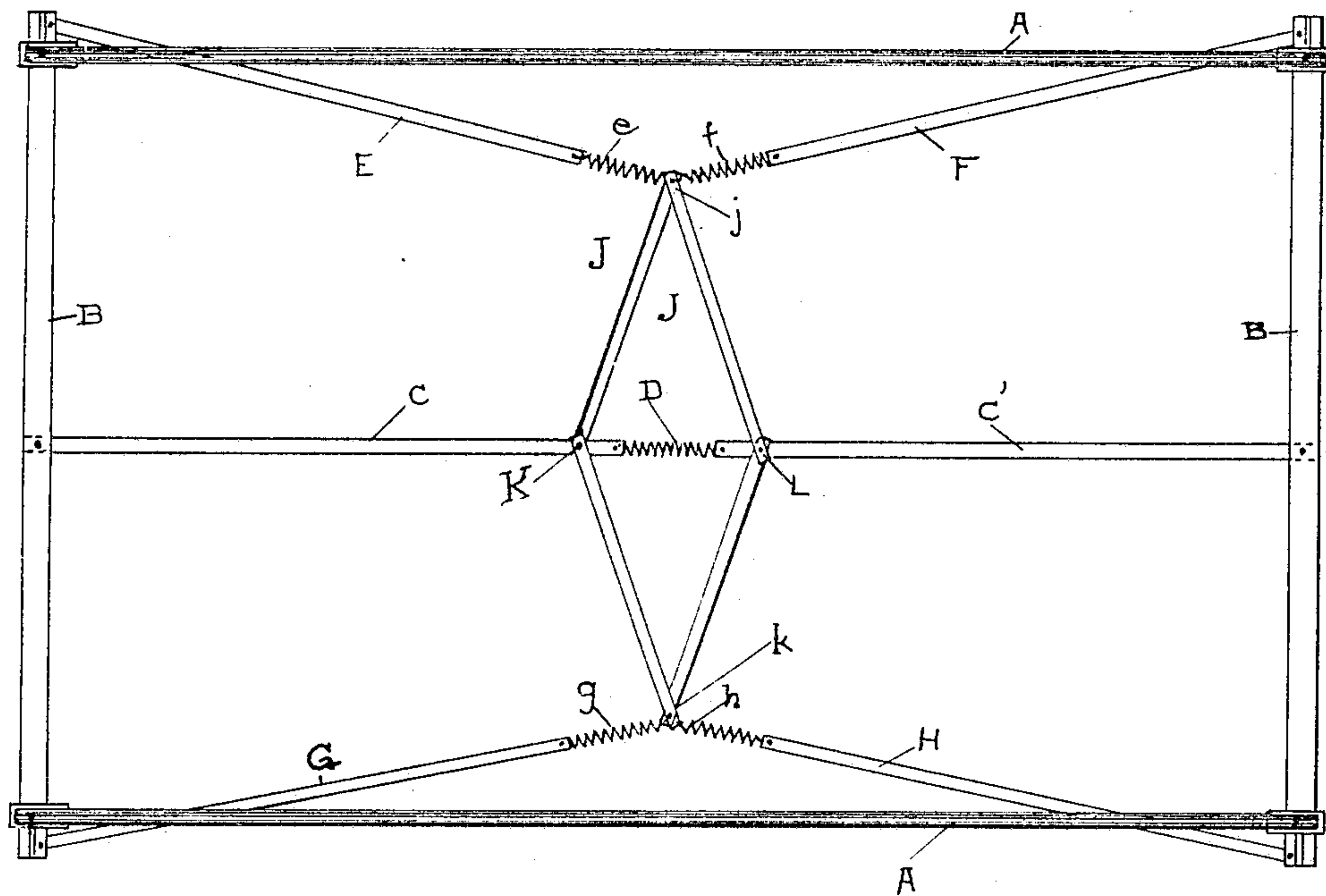
No. 793,361.

PATENTED JUNE 27, 1905.

H. ECKERSON.

BED FRAME.

APPLICATION FILED MAR. 23, 1904.



WITNESSES

Dudley B. Warr
Lottie Prior

INVENTOR

Homer Eckerson

BY

Ward Cameron
attorneys

UNITED STATES PATENT OFFICE.

HOMER ECKERSON, OF MECHANICSVILLE, NEW YORK, ASSIGNOR TO
ECKERSON BEDDING COMPANY, OF MECHANICSVILLE, NEW YORK,
A CORPORATION OF NEW YORK.

BED-FRAME.

SPECIFICATION forming part of Letters Patent No. 793,361, dated June 27, 1905.

Application filed March 23, 1904. Serial No. 199,556.

To all whom it may concern:

Be it known that I, HOMER ECKERSON, a citizen of the United States of America, and a resident of Mechanicsville, Saratoga county, New York, have invented certain new and useful Improvements in Bed-Frames, of which the following is a specification.

My invention relates to spring-beds; and the object of my invention is to provide a flexible yielding bed-frame or support for mattresses which shall be simple and inexpensive in its construction. I accomplish this object by means of the mechanism illustrated in the accompanying drawing, in which the figure is a plan of my invention.

The frame consists of the side bars A and the end bars B, secured together in any suitable manner and preferably constructed of iron. About midway between the ends of the end bars B, I attach one end of the narrow metallic strips C C', respectively. The strips C C' are connected by the spring D, united to the end of each of said strips, said strips being separated from each other except for the connection of said spring. To the projecting end of each end bar B B, I secure the said stay-strips E, F, G, and H, respectively. The strips E and F on one side of the bed-frame preferably extend toward the center of the frame as well as toward each other, and each has attached to it a spring *e f*, respectively, said springs being united to the said strips E and F at or near their ends, respectively, the opposite ends of said springs being secured to the lazy-tongs J at one of the angles *j* of said tongs. The said strips G and H are likewise provided with the springs *g* and *h*, and said springs are connected at *k* to the lazy-tongs J. The lazy-tongs J are also connected at K and L with the strips C and C', respectively. As thus arranged, when the mattress is laid upon the frame and weight placed upon it there will be give and spring action occasioned by the flexibility of the connection between the end pieces. I may provide for a slight sliding movement of the bars A A in reference to the end pieces B B by slotting the opening through which the bars A pass, connecting the said end and side pieces to-

gether. There is, however, a certain amount of give to the side pieces A A occasioned by the spring of the bars themselves. It is of course apparent that the weight on the bed will cause the strips E, F, G, and H, C, and C' to become somewhat depressed against the tension of their respective springs. These strips are connected in a manner to allow for their up-and-down movement by means of the lazy-tongs and at the same time held well separated in their respective positions.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In a bed; a bed-frame; six strips three extending from each end of the bed-frame toward the center thereof; four centrally-disposed strips pivoted together at their ends forming a lazy-tongs; springs secured to the opposite ends of said lazy-tongs, where two of the strips which go to make up said tongs are pivoted together, two of the first-mentioned oppositely-located strips, respectively; the remaining two strips first mentioned secured to the said lazy-tongs with a spring connecting the ends of said last-mentioned strips, all substantially as described.

2. In a bed; a frame, the ends of which extend beyond the side pieces thereof; two strips extending to a point within the frame from each end of the frame from points beyond the side pieces thereof; two strips extending from about midway between the ends of each end piece of the frame toward the center thereof; a spring connecting the two last-mentioned strips; springs attached to the ends of each of the first-mentioned strips and secured to the point of connection of the ends of two pivotally-connected strips, respectively, the other two ends of said last-mentioned strips pivoted together in connection with the strips extending from the central portion of each end of the frame toward the center, as aforesaid, substantially as described.

Signed at Mechanicsville, New York, this 16th day of March, 1904.

HOMER ECKERSON.

Witnesses:

LEWIS H. OSTRANDER,
WM. L. HOWLAND.