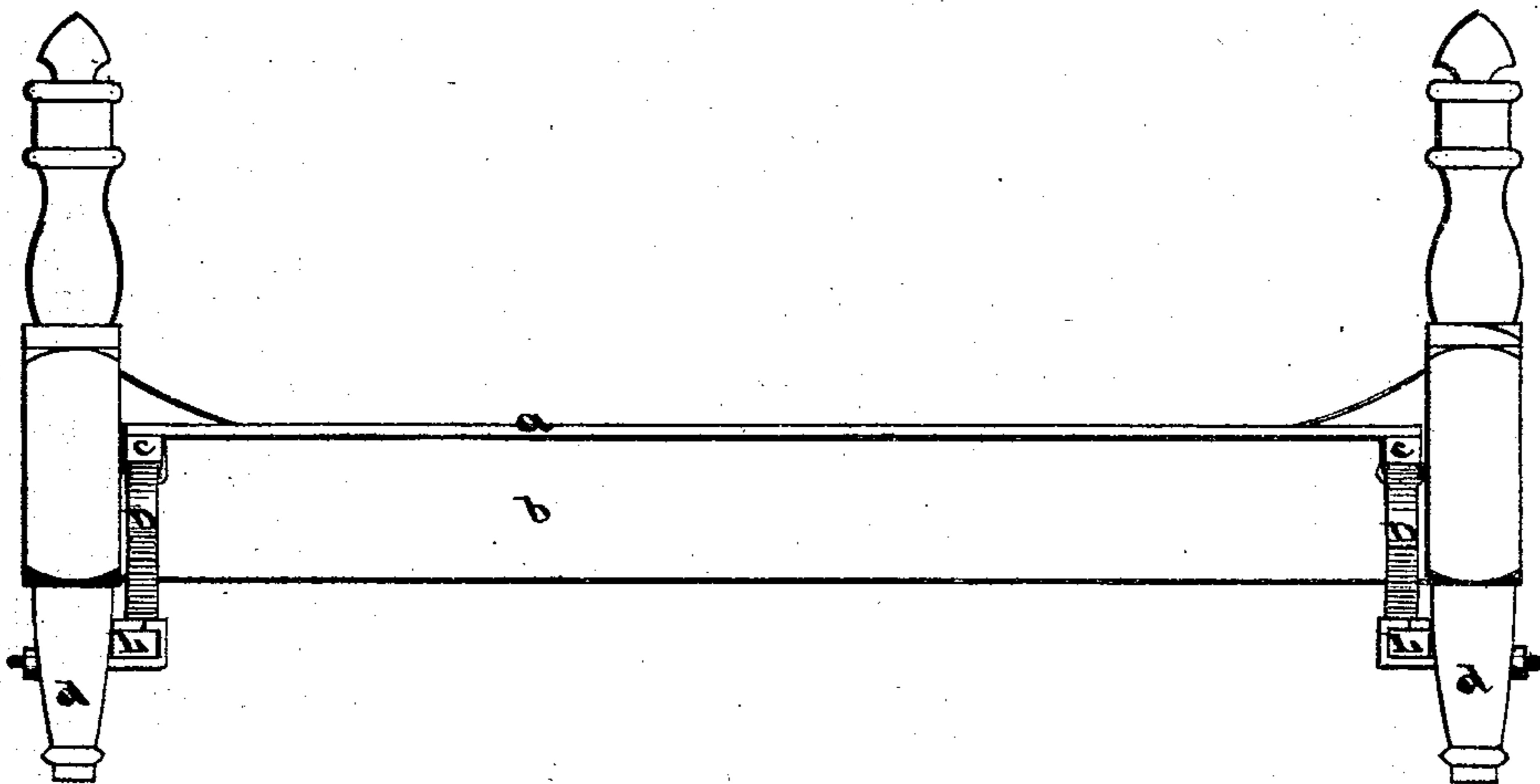
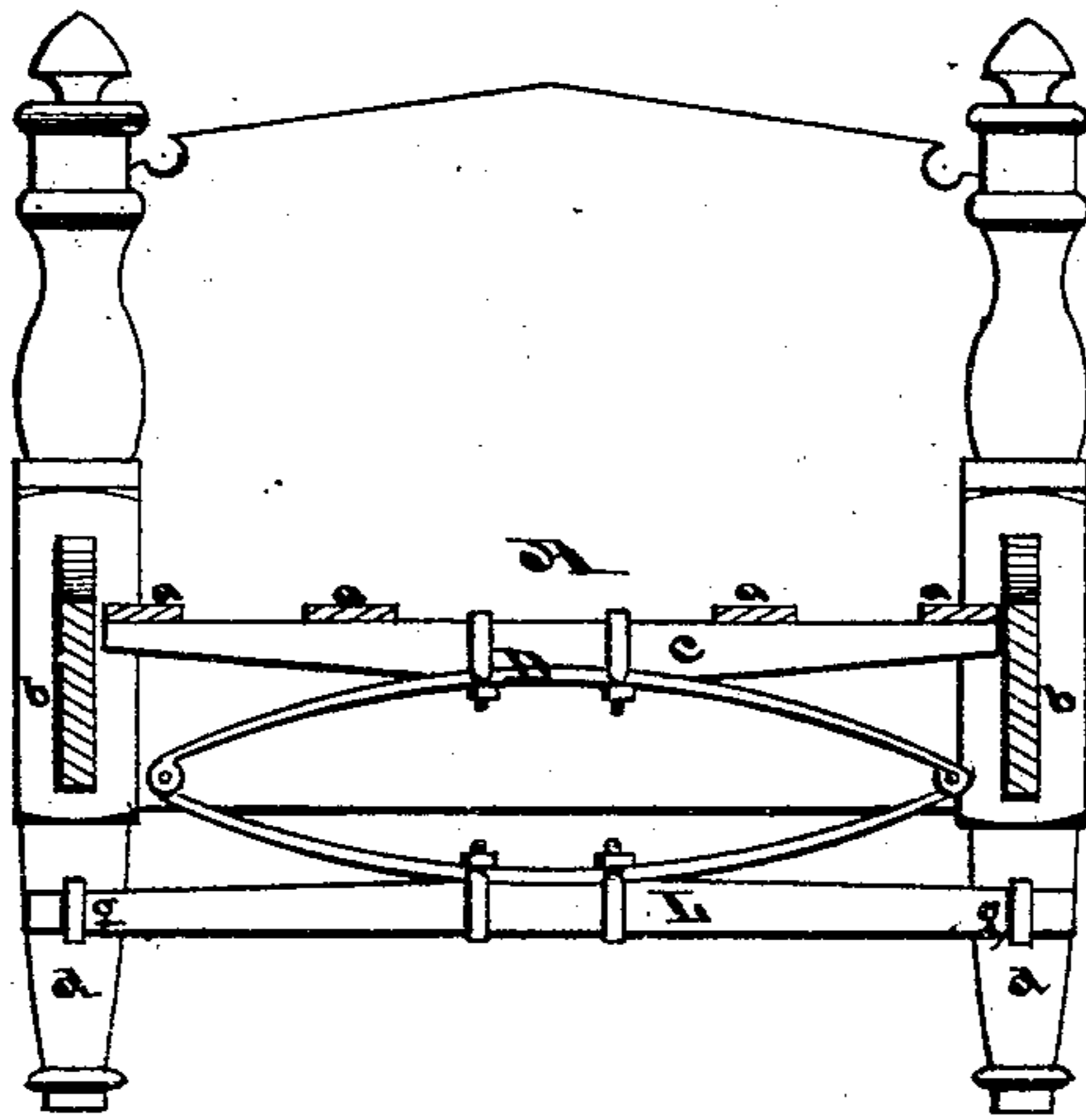


BENJAMIN BARSTOW'S

117036

SPRING BED.

PATENTED JUL 18 1871



Witnesses.

Chas P. Kemp.
E. Dudley Chapin.

Inventor.

Benjamin Barstow
by his Attorneys
Gardner & Hyde

UNITED STATES PATENT OFFICE.

BENJAMIN BARSTOW, OF WESTFIELD, MASSACHUSETTS.

IMPROVEMENT IN SPRING-BEDS.

Specification forming part of Letters Patent No. 117,036, dated July 18, 1871.

To all whom it may concern:

Be it known that I, BENJAMIN BARSTOW, of Westfield, Hampden county, Commonwealth of Massachusetts, have invented a new and Improved Spring-Bed, of which the following is a specification:

My invention consists in supporting the frame of the bed holding the slats upon elliptical springs placed either beneath the sides or ends of the same, the tops of the springs being attached to the frame, and their lower parts resting upon and secured to bars bolted or otherwise tightly fastened to the legs of the bedstead; the object of my invention being to form an easy spring-bed that cannot become deranged, and that can be, with little trouble and expense, made from the ordinary bedstead in common use; and by my device this adaptation can be made to form comfortable spring-beds out of those that would else be superseded.

In the drawing, Figure I is a cross-sectional view, showing the spring supporting the slat-frame at its end; and Fig. II is a longitudinal section through the center of the bed.

A is the frame of the bed, holding the slats *a a*, &c. *b b* are the sides of the bedstead. D D are the elliptical springs, bolted at their tops to the end bars *c c* of the frame, and at their lower sides to the cross-bars L L, which are themselves securely clamped at their ends *g g* to the legs *d d* of the bedstead. In the drawing the cross-bars D D are represented as running across the ends

of the bedstead and supporting springs fastened to the ends of the frame A; but when it is desired to place the springs beneath the sides of the frame instead of the ends the bars D D would be longer, and, when secured to the legs *d d*, extend the length of the bedstead and beneath the sides *b b*.

Any weight upon the frame causes it to sink, by the yielding of the springs, between the sides *b b*, which perform an important part in keeping the mattress, &c., in proper position on the frame, and serve to prevent an unequal weight upon one side of the frame from tilting it beyond a point where the side of the frame would come in contact with the said sides *b b*.

It will be seen that, by the employment of my device, many bedsteads comparatively useless can be converted into comfortable spring-beds with but little expense, while, by varying the stiffness of the springs, any degree of resistance can be offered to a weight upon the bed.

Now, having described my invention, what I claim is—

The combination of the bedstead having the sides *b b* with the frame A, springs D D, and bars L L, the parts being constructed and arranged as shown and described.

BENJAMIN BARSTOW.

Witnesses:

R. F. HYDE,
L. A. TIFFT.