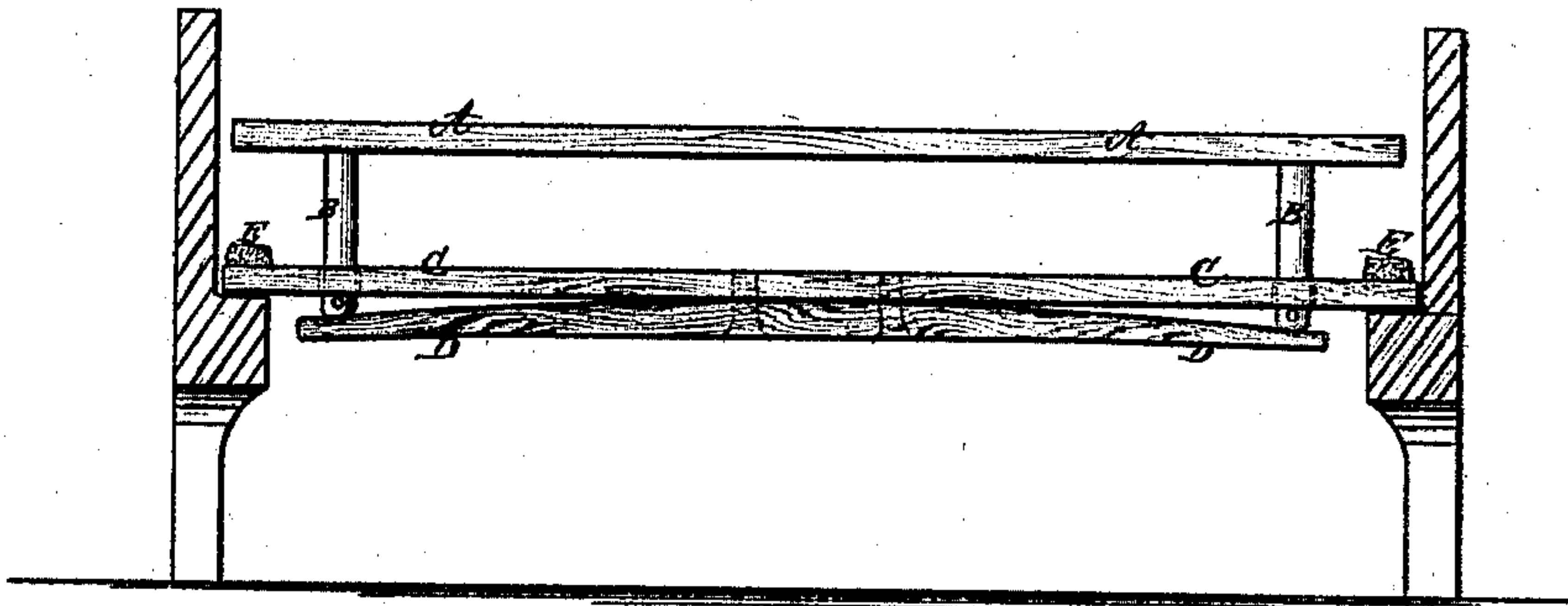


F. J. Gardner,

Bed Spring.

No. 97,386.

Patented Nov. 30. 1869.



Witnesses:

A. W. Almqvist
Geo. L. Brooks

Inventor:

F. J. Gardner
PER *Munn*
Attorneys.

United States Patent Office.

F. J. GARDNER, OF WASHINGTON, NORTH CAROLINA.

Letters Patent No. 97,386, dated November 30, 1869.

IMPROVED BED-SPRING.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, F. J. GARDNER, of Washington, in the county of Beaufort, and State of North Carolina, have invented a new and useful Improvement in Bed-Springs; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which the figure is a side or edge view of my improved bed-spring.

My invention has for its object to furnish a simple, convenient, and elastic bed-spring; and

It consists in the spring constructed in the manner hereinafter more fully described.

A is the ordinary slat or spring, upon which the mattress is placed.

To the ends of the slat A are securely attached the upper ends of two pins, or standards, B, which pass down through holes in the ends of the spring C, and the lower ends of which rest in sockets formed in the upper side of the ends of the springs D.

The middle part of the spring D is securely attached to the middle part of the spring C, as shown in the figure. The ends of the slat C are designed to rest upon the cleats or ledges attached to the lower

parts of the inner sides of the side-rails of the bedstead in the ordinary manner.

E are rubber or other suitable cushions, attached to the upper sides of the ends of the spring C, to receive the ends of the slat A, and prevent noise when the spring is fully depressed.

The pins or standards B may be kept from springing out of the spring C by pins or keys passed through the lower parts of said standards B, below the spring C, as shown in the figure.

By this construction, the elasticity of the three slats or springs, A, C, and D, is utilized, which enables a light, convenient, and very elastic bed-spring to be produced.

The lower springs may be made of wood or steel, as may be desired or convenient.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

An improved bed-spring, formed by the combination of the three springs or slats, A C D, and pins or standards B with each other, substantially as herein shown and described, and for the purpose set forth.

Witnesses:

ADAM MAINE,
A. C. LATHAM.

F. J. GARDNER.