

L. R. Bradbury,
Bed Bottom,
N^o 76,296. *Patented Apr. 7, 1868.*

Fig. 1.

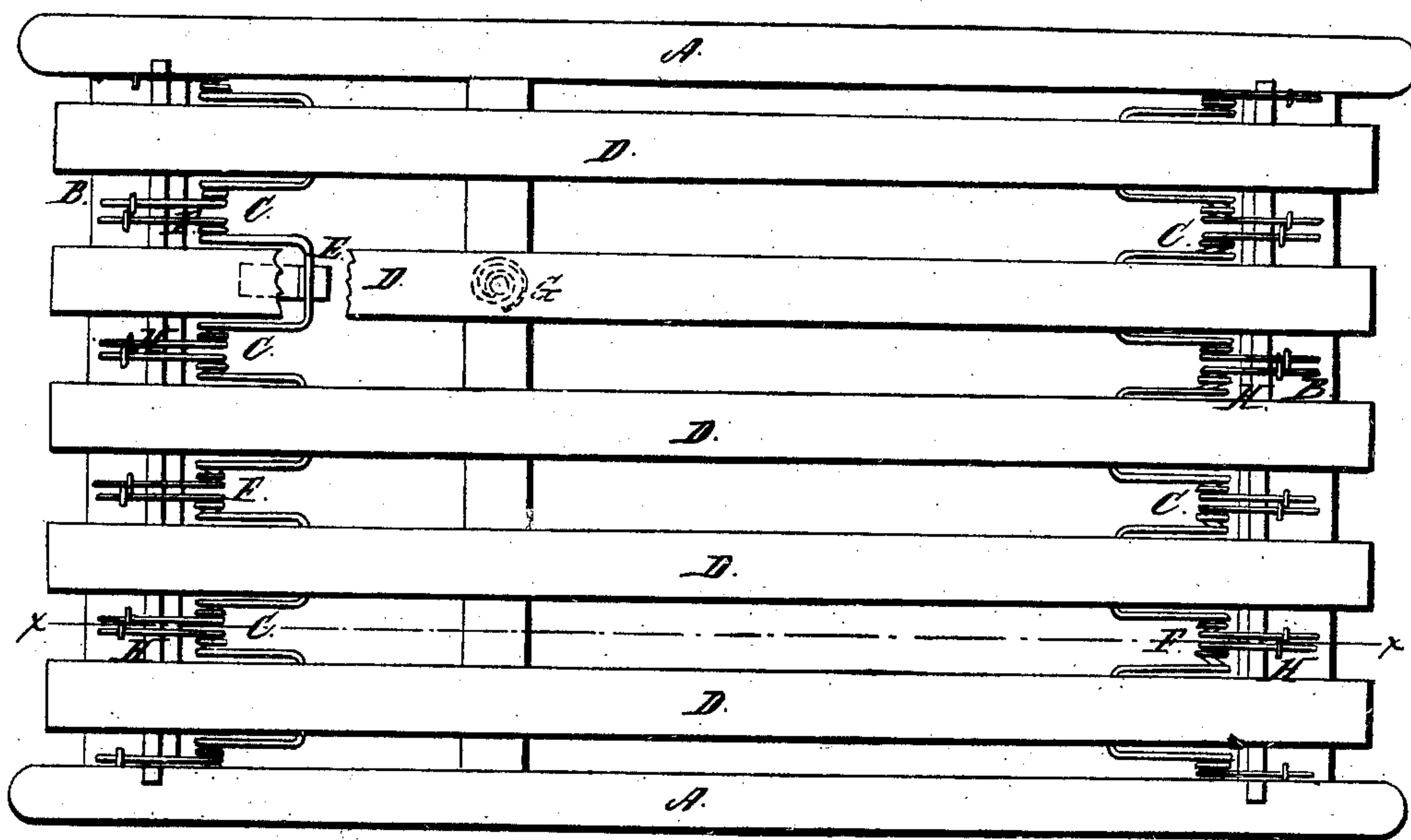
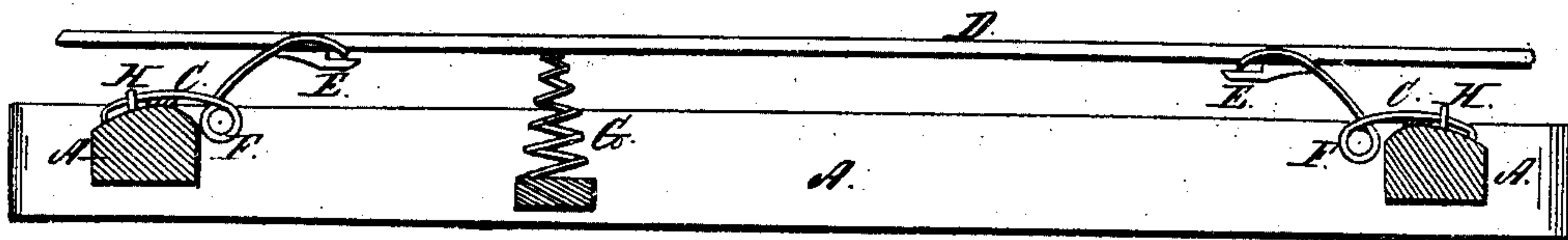


Fig. 2.



Witnesses:
G. H. Smith
Jos. Peyton

Inventor:
Lewis B. Bradbury
By J. R. Bassett
att'y-

United States Patent Office.

LEWIS R. BRADBURY, OF CHARLESTOWN, MASSACHUSETTS.

Letters Patent No. 76,296, dated April 7, 1868.

IMPROVED SPRING-BED BOTTOM.

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, LEWIS R. BRADBURY, of the city of Charlestown, county of Middlesex, and State of Massachusetts, have invented a new and useful Improvement in Spring-Beds; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, in which—

Figure 1 represents a top view, and

Figure 2 a section through *x x*, fig. 1.

My invention relates to that class of spring-beds in which the spring is placed at each end of the bed, and is designed to overcome many of the difficulties hitherto experienced, and common to the beds made in this way; the object being to produce a spring which shall be easily and cheaply made, durable, not easily broken, and which shall bear handling without injury.

In the drawing, A represents the frame of the bed; B-B being the end rails, into which the ends of the spring C are fastened, by being driven into the rail, and secured by a staple, the other end of the spring, upon which the slats D rest, being held in place by the cleat E. Under the spring C, and resting on the rail B, I place an additional spring, H, so that, when the spring C is depressed, instead of resting on the rail, the pressure is received by this spring, and the durability of the spring C is increased. This spring H may be a strip of vulcanized rubber, or a slat, having spiral spring at each end. In the drawing it is shown as made of rubber, and I consider this the most desirable mode of making it.

The spring C is a compound or double-acting spring, having a double spiral, F, in the centre of its length, which gives it the necessary flexibility.

The spiral spring G may be used, if required, in the position shown, to give the slats greater strength, and to keep them from bending under the weight of the bed.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The combination of the spring C, made substantially as shown, with the spring H, placed under it, the two springs operating together, for the purpose substantially as set forth.

L. R. BRADBURY.

Witnesses:

P. H. HUTCHINSON,

K. W. BAKER.