

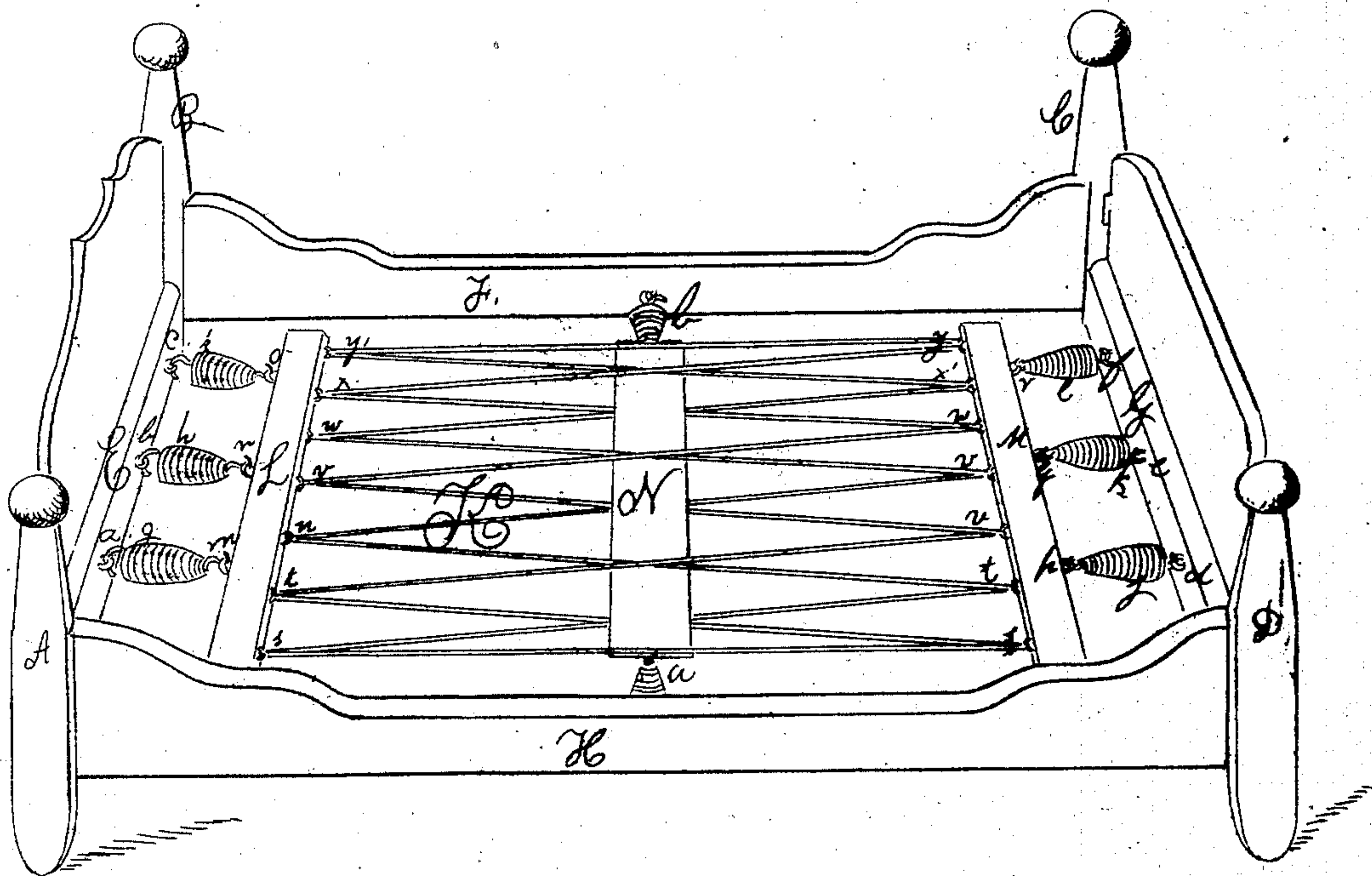
*J. Stanley Bradley.*  
*Spring Bottoms,*  
*For Bedsteads.*

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PATENTED

FEB 11 1868

74293



*Witnesses.*  
*E. W. Walcott,*  
*R. Fitzgerald.*

*J. Stanley Bradley*

# United States Patent Office.

F. STANLEY BRADLEY, OF NEW HAVEN, CONNECTICUT.

*Letters Patent No. 74,293, dated February 11, 1868.*

## IMPROVED 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, F. STANLEY BRADLEY, of the city and county of New Haven, in the State of Connecticut, have invented a new and useful Improvement in Spring-Bottoms for Bedsteads; and I do hereby declare that the following is a full, clear, and exact description of the construction, character, and operation of the same, reference being had to the accompanying drawing, which makes part of this specification, which drawing is a perspective view of the bedstead with the spring-bottom attached.

My improvement consists in making the spring-bottom with two cross-bars, to which I attach a common bed-cord by means of loops or hooks, (lacing it in the diagonal form, as shown in the drawing,) and in securing or attaching the cross-bars to the two end rails of the bedstead, that is, to the head and foot-rails, by means of spiral springs, so that when the cord is strained tight the pressure on the bottom will act principally on the spiral springs, so that the cords and bars may, as a whole, be pressed down, while the cords will afford or supply all of their usually effective yielding character; thus the two will increase the ease of the bed by their doubly-yielding operation, while guided by the bars L and M.

I make the bedstead of posts, as A, B, C, and D, and rails, as E, F, G, and H, in any of the usual forms, without regard to any particular shape or proportions, and with or without head and foot-boards. To each of the two end rails E and G, I attach or secure three or any other convenient number of loops or hooks, as represented at *a, b, and c, and d, e, and f*, into which I hook, or otherwise secure, one end of a spiral spring, as *g, h, and i, and j, k, and l*, all as represented in the drawing. I make the spiral springs *g, h, and i, and j, k, and l*, in the conical form, as shown in the drawing, or in any other convenient form, and of the suitable strength. I make the two bars L and M of wood, or any other suitable material, and in the edges next to the end rails I insert three or any other suitable number of eyes or hooks, to correspond with the number in the end rails, as represented at *m, n, and o, and p, q, and r*, to which I attach the inner ends of the spiral springs *g, h, and i, and j, k, and l*; and in each bar L and M, on the inner edge, or edge toward the longitudinal centre of the bedstead, I insert seven or any other convenient number of eyes or hooks, through or on to which I pass the cord K, all as shown at *s, t, u, v, w, x, and y, and s', t', u', v', w', x', and y'*, in the drawing. And, when thought best, I fit one or more strap or straps across the cords, and attach their ends by means of spiral springs, as represented at N, *a'*, and *b'*, to steady and assist the other springs, as well as to strengthen the cord, and prevent its sagging by its own weight. Thus I combine the benefit of the cord with the spiral springs in both directions, while the bars L and M will steady all of the parts, and thereby give the greatest ease and evenness to the operation of the bed-bottom.

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

The combination of the spiral springs with the two bars L and M, and the cord K, when the whole is constructed and fitted for use, substantially as herein described and set forth.

F. STANLEY BRADLEY.

Witnesses:

E. W. BALDWIN,  
R. FITZGERALD.