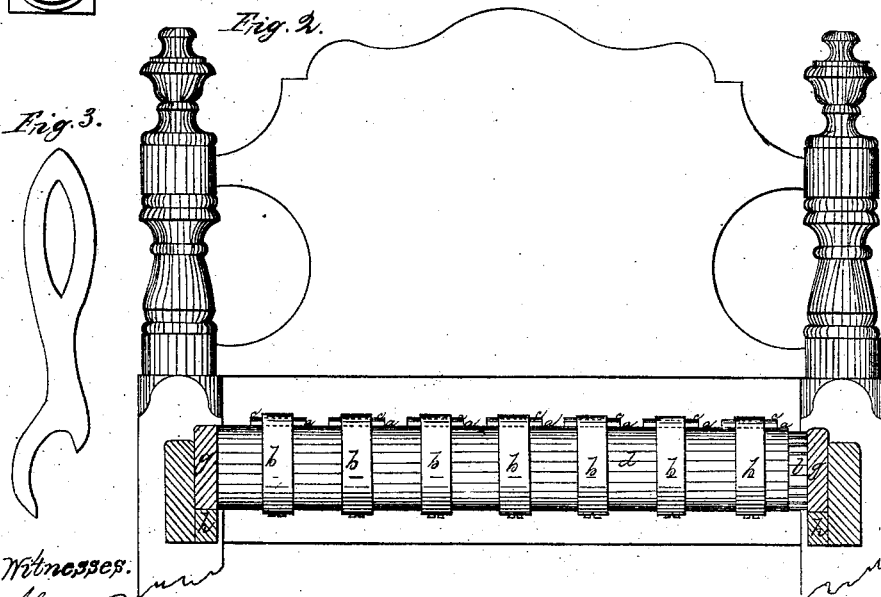
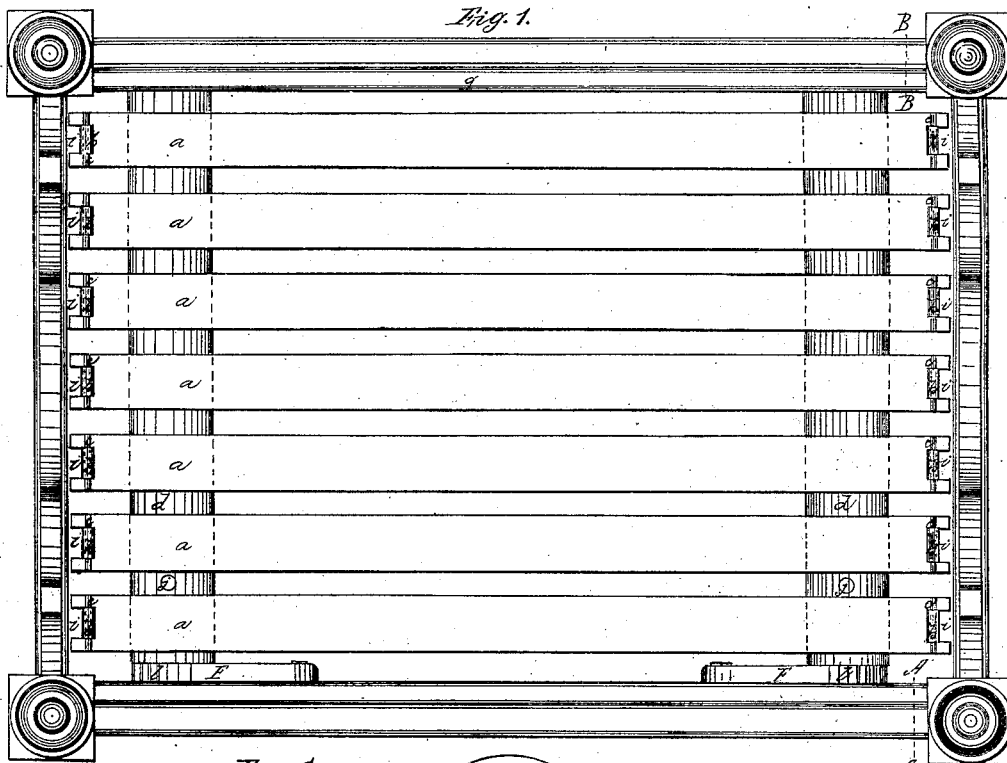


R. L. Hall,

Bed Bottom,

N^o 50,118.

Patented Sep. 26, 1865.



Witnesses.
Abner Carey
George C. Perry

Inventor.
Robert L. Hall

UNITED STATES PATENT OFFICE.

ROBERT L. HALL, OF LOWELL, MASSACHUSETTS.

BED-BOTTOM.

Specification forming part of Letters Patent No. 50,118, dated September 26, 1865.

To all whom it may concern:

Be it known that I, ROBERT L. HALL, of Lowell, in the county of Middlesex and State of Massachusetts, have invented new and useful Improvements in Adjustable Spring Bed-Bottoms; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in the arrangement and construction of the slats, springs, and windlasses, as hereinafter set forth.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

Figure 1 represents a plan of a bedstead with the adjustable spring-bottom attached. Fig. 2 represents a section through A A and B B, showing the parts beyond. Fig. 3 represents a plan of the wrench used for operating the windlasses.

a a a represent the slats; *b b b*, the elastic springs; *c c c*, the pins; *d d*, the windlasses; *j j*, the wrench-holes; *e e*, the ratchets; *f f*, the

pawls; *g g*, the windlass-frame; *h h*, the cleats, and *i i i* forks.

The windlasses *d d* being placed on their bearings in the frame *g g*, which frame is supported on any common bedstead by the additional attachment of cleats *h h*, the slats *a a a* being prepared with forks *i i i*, and placed in their position on the windlasses *d d*, the elastic springs *b b b*, both ends being secured to the windlasses *d d*, form a loop, through which the pins *c c c* project. The elastic springs *b b b* are then attached to the slats *a a a* at both ends by the pins *c c c*, projecting and resting on both sides of the forks *i i i*.

In order to give greater or less elasticity or spring to the slats *a a a*, the wrench, as seen in Fig. 3, is applied to the windlasses *d d* at the holes *j j*, which adjusts the same.

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

The construction of the elastic springs *b b b*, the windlasses *d d*, and slats *a a a*, for the purpose described.

Witnesses: ROBERT L. HALL.

ABEL PEVEY,
GEORGE E. PEVEY.