

E. W. Tucker,

Bed Bottom,

N^o 53,706.

Fig: 1. Patented Apr. 3, 1866.

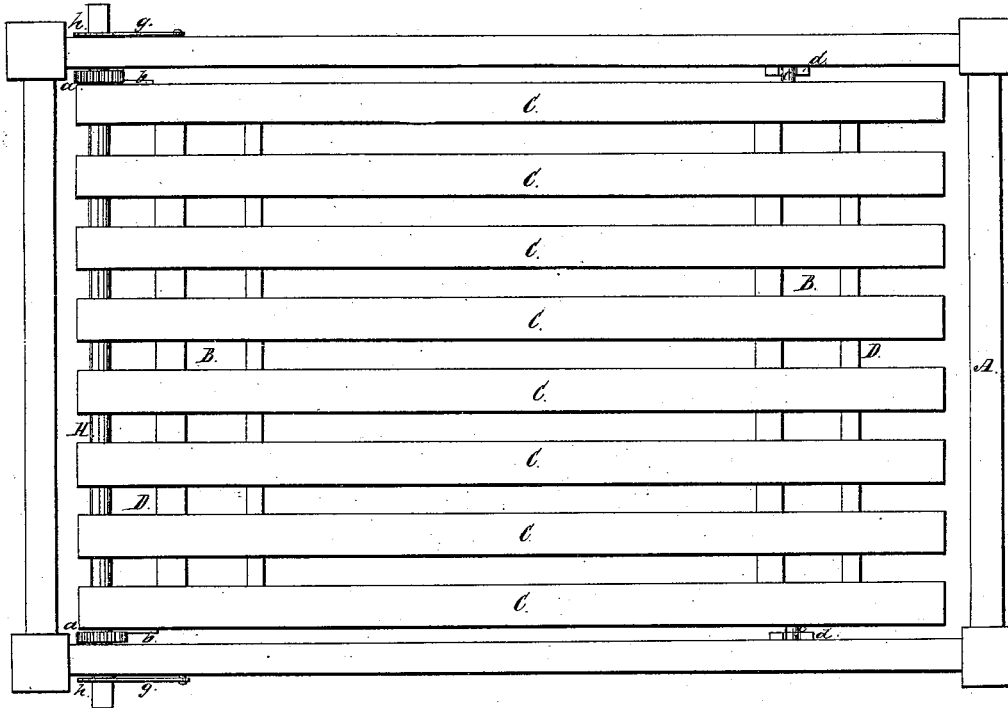
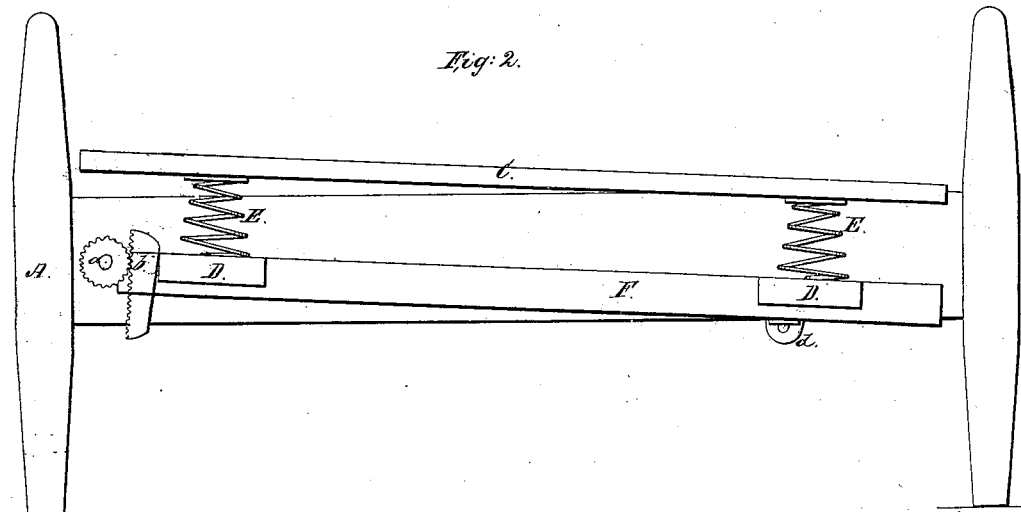


Fig: 2.



Witnesses:

John P. Jacobs
Charles Alexander

Inventor:

E. W. Tucker.
Per Alexander & Mason

UNITED STATES PATENT OFFICE.

ERWIN W. TUCKER, OF LOWELL, MICHIGAN.

IMPROVED BED-BOTTOM.

Specification forming part of Letters Patent No. 53,706, dated April 3, 1866.

To all whom it may concern:

Be it known that I, ERWIN W. TUCKER, of Lowell, county of Kent, and State of Michigan, have invented certain new and useful Improvements in Bed-Bottoms; 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, and the letters of reference marked thereon.

In the drawing herewith annexed, and forming a part of this specification, A represents the bedstead, which is made in any of the ordinary forms. Within the bedstead is placed the bed-bottom, which is composed of two side pieces, F, and two cross-pieces, D D, which are attached to and connect the side pieces, F. Upon the cross-pieces D D are a series of spiral springs, E. Directly upon the spiral springs E is a metallic spring, which extends from one side of the bed-bottom to the other, as seen at B B, and hold the spiral springs E in their proper places.

C represents a series of slats running lengthwise with the bed and secured upon the metallic springs B B, which form the top of the bed-bottom.

H represents a horizontal metallic bar, which is placed at the head of the bedstead. At the outside of this bar is a dog and ratchet, *h* and *g*, which are secured to the outer sides of the bedstead. At the inner side of the bedstead and encircling the bar H are cogs *a a*.

b b represent rack-bars, which have teeth and mesh into the cogs *a a*. One rack-bar is attached to each side of the bed-bottom at the head.

Near the foot of the bed-bottom is a small bar, *c*, which is secured to the bedstead by means of a bracket *d*, said bracket extending a short distance beneath the side pieces of the bedstead.

It will be seen that this bed-bottom, being adjustable by means of the bar H, with the cogs *a a* and rack-bars *b b*, can be elevated or lowered at the head to suit, the dog and ratchet at the outer side securing the same in the required position.

The metallic springs B B, extending across the bed-bottom, not only support the spiral springs E, but combine them and hold the same to their proper places. At the same time the pressure is divided between the springs.

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

1. The bar H, with cogs *a a* and rack-bars *b b*, when arranged in the manner and for the elevating or lowering the head of a bed-bottom, substantially as and for the purposes specified.

2. The bars D and bars F, with springs E, in combination with the springs B B, and rails C, arranged substantially as and for the purposes herein set forth.

As evidence that I claim the foregoing I have hereunto set my hand in the presence of two witnesses.

ERWIN W. TUCKER.

Witnesses:

CURTIS T. MOORE,
ALMON M. ELSWORTH.