

G. I. Gerard,

Bed Bottom.

N<sup>o</sup> 63,153.

Patented Mar. 26, 1867

Fig. 1.

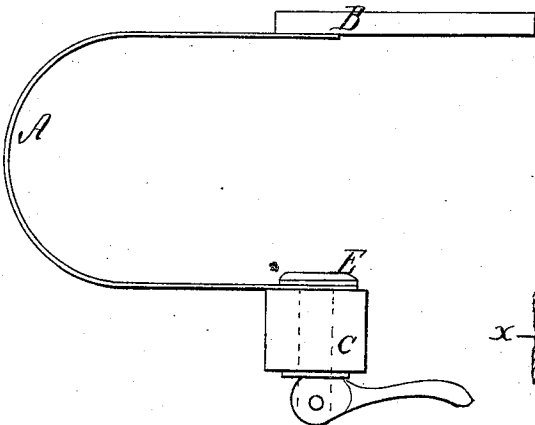


Fig. 2.

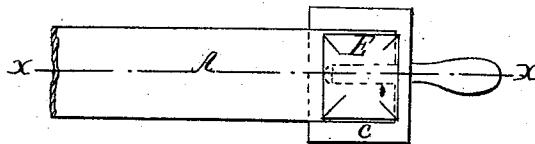
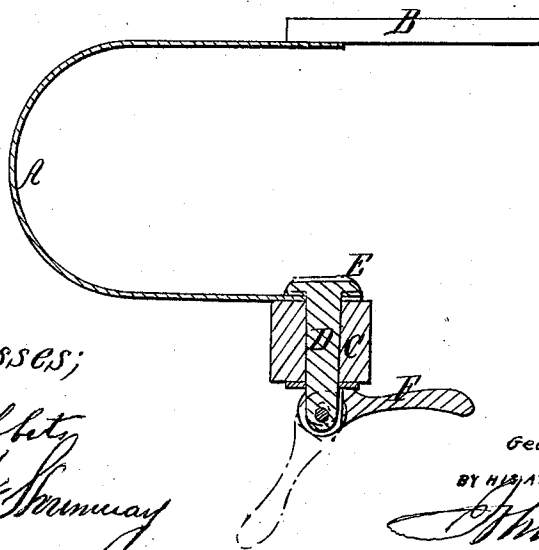


Fig. 3.



Witnesses;

A. J. Tabbety  
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BY HIS ATTORNEY

John E. Carr

# United States Patent Office.

GEORGE L. GERARD, OF NEW HAVEN, CONNECTICUT.

*Letters Patent No. 63,153, dated March 26, 1867.*

## 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, GEORGE L. GERARD, of New Haven, in the county of New Haven, and State of Connecticut, have invented a new improvement in Spring Beds; and I do hereby declare the following, when taken in connection with the accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a side view.

Figure 2, a top view; and in

Figure 3, a section on line *x x*.

This invention relates to an improvement in the manner of securing the springs of spring-bed bottoms, and consists in the peculiar manner of attachment, whereby the spring may be readily removed and changed to any position in the bottom, or its tension adjusted.

To enable others to construct and use my improvement, I will proceed to describe the same as illustrated in the accompanying drawings.

A is the spring, formed of flat or sheet steel. B, the upper slat, attached to the spring in any convenient manner, generally running longitudinally with the bed. C is a transverse bar, upon which the other or lower end of the spring rests. This lower end of the spring is slotted, as denoted by broken lines, fig. 2. D is a bolt, provided with a large head, E, nearly or quite large enough to cover the width of the spring. The said bolt passes through the bar C, and to its lower end is hinged a clamp-lever, F, which, when turned up, as denoted in fig. 3, draws the head of the bolt firmly down upon, and so as to secure the spring firmly upon, the bar C; and when, from any cause, it is desirable to remove or change the position of the spring, turn the lever down, as denoted in red, which releases the clamp from the spring, and permits its removal. By this arrangement the spring, having its end slotted, may be set farther under the head, so as to shorten and consequently stiffen the spring, and thus forms an adjustable spring.

I do not wish to be understood as claiming a flat steel spring, as such are common and well known; but having thus fully described my invention, what I do claim as new and useful, and desire to secure by Letters Patent, is—

The combination of the clamp-bolt D with the slotted spring A and the bar C, constructed so as to operate in the manner described.

GEO. L. GERARD.

### Witnesses:

JOHN E. EARLE,

A. J. TIBBITS.