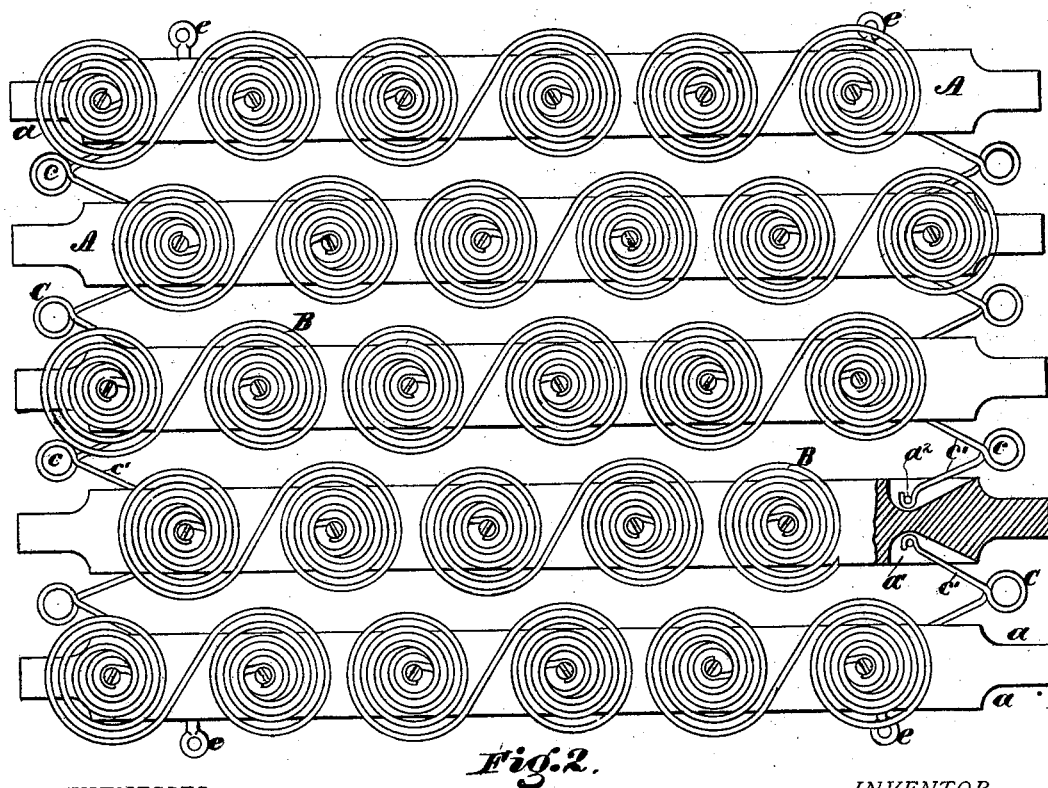
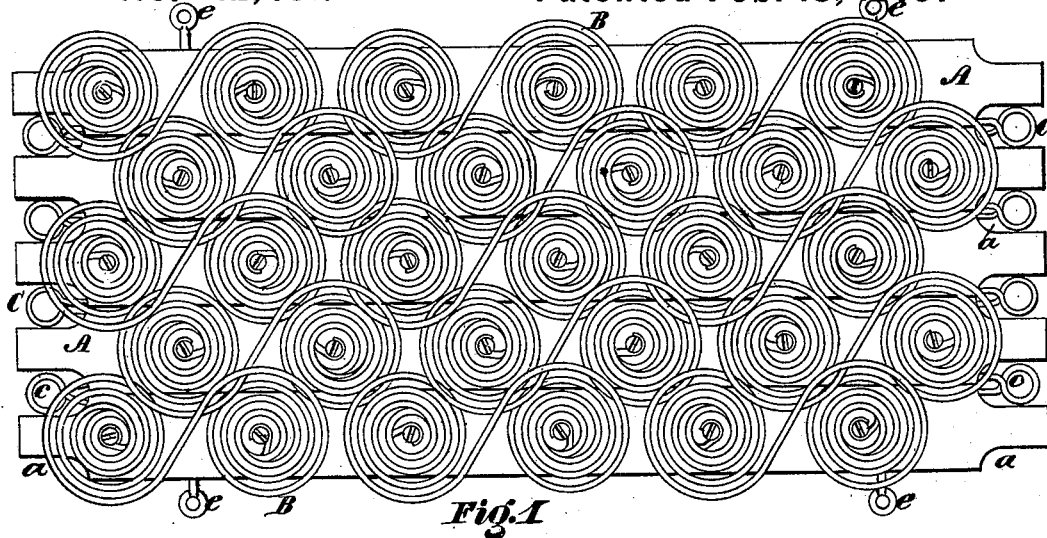


J. FLINN.  
Bed-Bottom.

No. 212,451.

Patented Feb. 18, 1879.



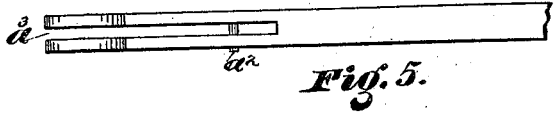
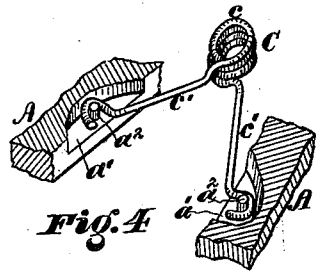
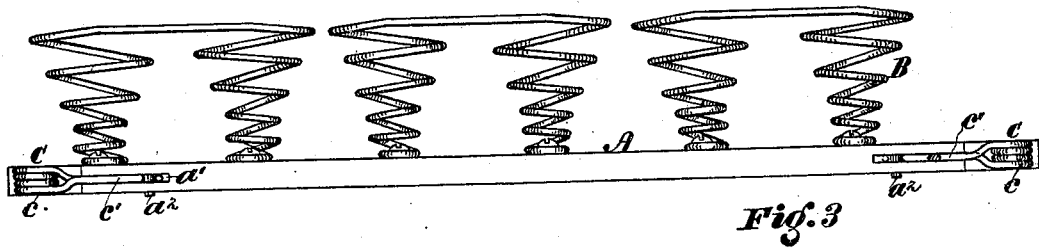
WITNESSES:  
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# UNITED STATES PATENT OFFICE.

JOHN FLINN, OF PHILADELPHIA, PENNSYLVANIA.

## IMPROVEMENT IN BED-BOTTOMS.

Specification forming part of Letters Patent No. **212,451**, dated February 18, 1879; application filed May 18, 1878.

### *To all whom it may concern:*

Be it known that I, JOHN FLINN, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Bed-Bottoms; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification, in which—

Figures 1 and 2 are plan views of my improved bed-bottom, the former showing it closed and the latter extended. Fig. 3 is a side elevation; Fig. 4, a detail sectional perspective, and Fig. 5 a detail side elevation of one of the slats.

My invention has for its object to provide a spring bed-bottom which may be adjusted to fit beds of varying widths and sizes.

My invention consists in the novel construction, combination, and arrangement of parts, as hereinafter described and claimed.

Referring to the accompanying drawings, A A A designate a series of slats or wooden strips, on which are mounted springs B, of any desired construction. C C are springs, formed of suitable wire, bent to produce coils *c c* and latches *c' c'*. These springs are arranged as shown, being located between the slats or strips A at either end thereof, and attached thereto. Said slats are cut away at their ends, as shown at *a a*, to afford room for the coils *c* and permit the adjacent edges of said slats to meet. They are also recessed or cut away, as shown at *a<sup>1</sup>*, to form sockets for the reception of the hooked ends of the latches *c'*, rivets or pins *a<sup>2</sup>* passing through them, as shown, and forming keepers for said latches.

The recesses *a<sup>1</sup>* may be formed in the opposite edges of the slats A by means of a circular saw; or a kerf, *a<sup>3</sup>*, Fig. 5, may be formed in the ends of said slats, thus dispensing with separate recesses on either side. I prefer, however, the separate recesses, as by that construction the ends of the slats are left solid, and thus retain their full strength, while the single end kerf, *a<sup>3</sup>*, by splitting the ends, weakens them and renders them liable to be more easily broken or shattered in transportation.

A series of slats, (five, for example,) connected by the spring-hooks C, forms a complete bed-bottom. When in stock for sale, or while in transportation, the bed-bottom thus constructed will be very compact and occupy but little space, the spring-hooks C drawing the slats together, as shown in Fig. 1, leaving no openings between them.

In applying the bottom to a bed the slats are simply drawn apart, and the outermost slats fastened to the rails of the bed by eye-screws *e e*, the spring-hooks C giving or distending to any desired extent, so that a bed-bottom of this construction may be applied to and will fit any bed of reasonable and usual dimensions, from the smallest to the greatest width, thus dispensing with the necessity of different sizes of bed-bottoms to fit corresponding sizes of beds. Should the bed be found to be of very unusual width, an extra slat may be readily hooked onto the others and as readily detached, the spring-hooks permitting the ready addition and withdrawal of a slat or slats at any time.

The bed-bottom is held distended when in use by means of eye-screws *e e*, or equivalent means, connecting with hooks or pins on the rails of the bed.

What I claim as my invention is—

1. The combination, with the foundation or spring-supporting slats A in a spring bed-bottom, of the intermediate connecting-springs, C, having central coils, *c*, and arms or branches *c'*, of equal length, the said springs coupling the slats together laterally, and permitting lateral adjustment thereof without disturbing the parallelism of their ends, as shown and described.

2. The combination, with the laterally-adjustable spring-supporting slats A, provided with the studs *a<sup>2</sup>*, of the spring-connections C, having central coil, *c*, diverging branches *c'*, and hooks *a<sup>1</sup>*, substantially as and for the purpose specified.

In testimony that I claim the foregoing I have hereunto set my hand.

JOHN FLINN.

Witnesses:

GEO. C. SHELMEKDINE,  
SAML. J. VAN STAVOREN,