

W. WOOD.  
Bed-Bottom.

No. 163,714.

Patented May 25, 1875.

Fig. 1.

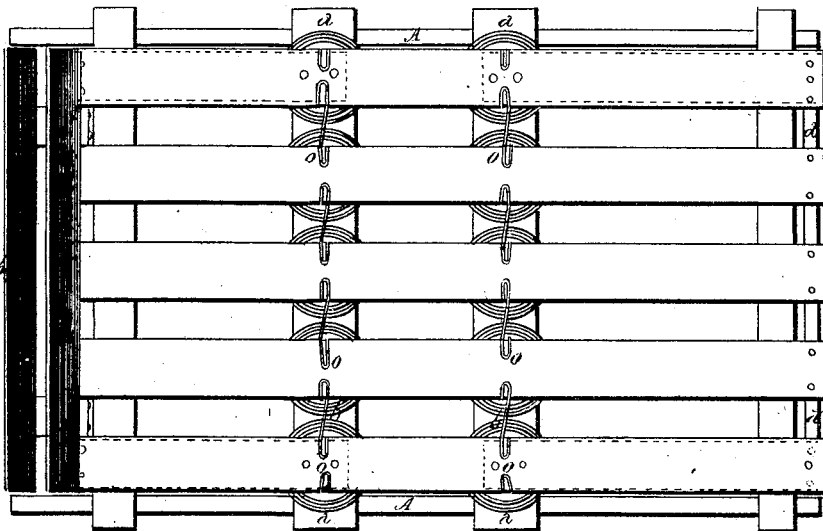


Fig. 2.

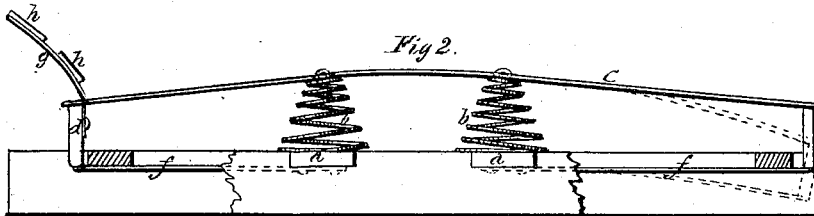
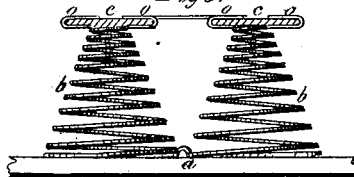


Fig. 3.



WITNESSES.

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INVENTOR.

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per *F. A. Lehmann*  
*Att'y.*

# UNITED STATES PATENT OFFICE.

WILLIAM WOOD, OF CANTON, OHIO.

## IMPROVEMENT IN BED-BOTTOMS.

Specification forming part of Letters Patent No. **163,714**, dated May 25, 1875; application filed March 20, 1875.

*To all whom it may concern:*

Be it known that I, WILLIAM WOOD, of Canton, in the county of Stark and State of Ohio, 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.

My invention relates to an improvement in bed-bottoms; and consists in the combination and arrangement of parts, which will be more fully described hereinafter.

The accompanying drawing represents my invention.

Figure 1 is a plan view of my invention. Fig. 2 is a side elevation of the same. Fig. 3 is a detail view of the springs.

A represents the side pieces of a frame, held together by cross-pieces, of which the inner ones *a* are wider and stronger than the others. Upon the two cross-pieces *a* are a number of coiled springs, *b*, the upper ends of which are so bent and interwoven as to embrace and support the slats *c*, which extend lengthwise over the frame and are secured to the edges of cross-pieces *d* at the head and foot of the bed-bottom. These springs *b* are of the usual coiled shape; but instead of being made separately are made from the same piece of wire in pairs, so that the portion of the wire that connects them together can be

bent into the hooks *o*, as shown, so as to clasp the top edges and the under sides of the slats. By means of these hooks the slats can be slipped into and removed from the springs at will, and thus dispense with fastening each spring. The cross-pieces *d* are upheld by flat springs *f*, which springs have one of their ends secured under the cross-pieces *a*, and thence extend inside of and parallel with the sides *A* under the outer cross-pieces to the point of attachment under the edges of the pieces *d*. At the head of the bed-bottom, to the inside of the piece *d*, and passing upward between the slats, are secured two flat springs, *g*, which are bent outward over the upper edge of the piece *d*, and there support slats *h* laid crosswise over them, by which an elastic bolster is formed. Every part of the bed-bottom is supported by springs and made elastic, yielding readily to pressure, and combining strength, durability, and cheapness.

Having thus described my invention, I claim—

In a bed-bottom the combination of the frame *A*, cross-bars *a*, springs *b*, slats *c*, end pieces *d*, springs *f* *g*, and slats *h*, substantially as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand this 13th day of March, 1875.

WILLIAM WOOD.

Witnesses:

EDWIN L. WALKER,  
FRANK LITTLE.