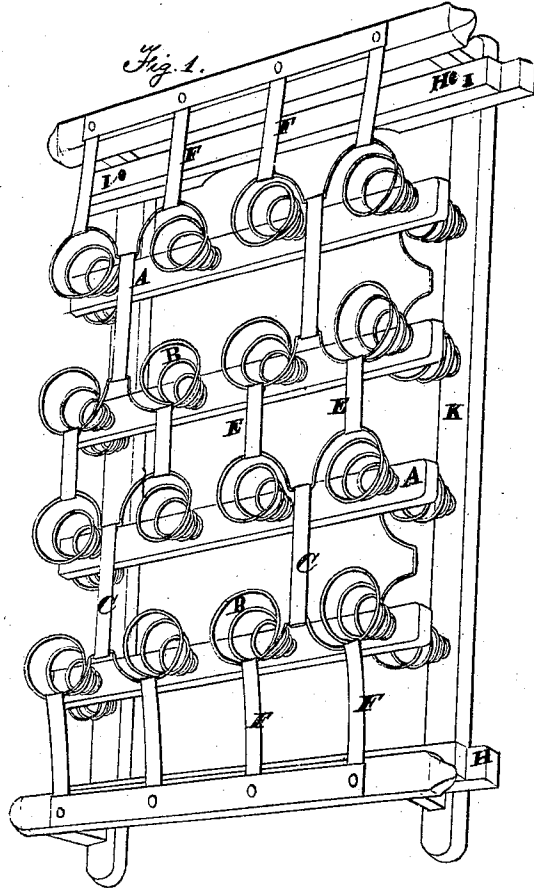


M. & L. Van Nleck,

Bed Bottom.

No. 102337.

Patented Apr. 26. 1870.



Witnesses,

J. W. Mester

Inventor,

*M. & L. Van Nleck by
Ch. Sidney Whisman
attys.*

United States Patent Office.

MATTHEW VAN VLECK AND LAWRENCE VAN VLECK, OF MONROE, WISCONSIN.

Letters Patent No. 102,337, dated April 26, 1870.

IMPROVED SPRING 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 we, MATTHEW VAN VLECK and LAWRENCE VAN VLECK, of Monroe, in the county of Green and in the State of Wisconsin, have invented a new and useful Improvement in Bed-Springs and Fasteners; and do hereby declare that the following description, taken in connection with the accompanying plate of drawings hereinafter referred to, forms a full and exact specification of the same, wherein we have set forth the nature and principles of our said improvement, by which our invention may be distinguished from others of a similar class, together with such parts as we claim and desire to secure by Letters Patent.

Our improvement relates to that class of spring bed-bottoms in which coiled spiral springs are made use of; and

The nature of our invention consists in certain modifications in the details of the same by means of which double springs are connected together by metallic bands made to react upon each other, in such a manner as to cause the bed-bottom to maintain a homogeneous and level position, and in providing a slotted bar by means of which the said bottom may be widened to suit any width of bedstead.

In the accompanying plate of drawings which illustrate our invention and form a part of the specification—

Figure 1 is a perspective view of a bed-bottom, with our invention applied thereto.

Upon the top rails A of the bed-bottom is arranged a series of double springs, B. Said springs

have loops C between them, by which they are connected, and, being coiled in opposite directions, react upon each other. One series of the loops C joins the connecting wires of the said double springs, and another series E joins the upper spiral curves of the said springs, as represented in the figure. Still another series F connects the upper spiral curves of the springs with the head and foot-rails.

The springs are secured to the rails by means of plug-fastenings or otherwise. The forces of tension exerted by the springs upon each are reactive, and thus cause the bed-bottom to assume at all times a level position.

The extension-bars H are each provided with three or more circular perforations or slots, through either of which the screw-bolt I, secured by a nut under the side rail K, may be made to pass, thus adapting the bed-bottom to any width of bedstead.

Having thus described our invention,

We claim and desire to secure by Letters Patent The arrangement of the double right-handed and left-handed springs B, connected by the loops C, E, and F, the top and side rails, and the bars H, provided each with three or more circular perforations, when constructed to operate together as described.

In testimony that we claim the foregoing, we have hereunto set our hands this 31st day of August, 1869.

M. VAN VLECK.

LAWRENCE VAN VLECK.

Witnesses:

HENRY C. RAND,
JOHN H. BUCHANAN.