J. Stevens,

Bed Bottom,

No. 32,165. Patented Apr. 23, 1861.

Fig. 2.

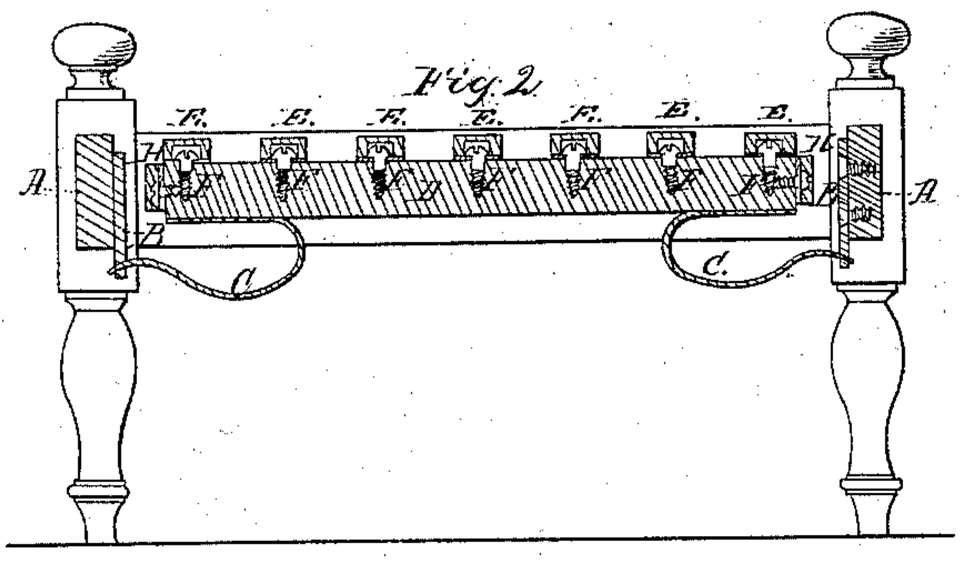

Fig. 3.

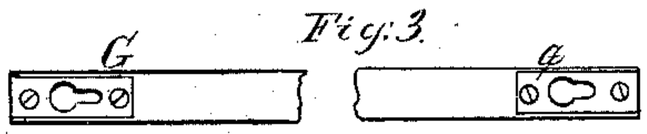

Fig. 4.

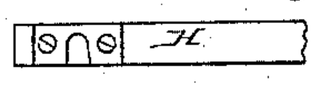

Fig. 1.

Witnesses:

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A. B. Beckwith

Inventor:

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UNITED STATES PATENT OFFICE.

JOSEPH STEVENS, OF LOWELL, MASSACHUSETTS, ASSIGNOR TO HIMSELF AND H. M. CURRIER, OF SAME PLACE.

SPRING BED-BOTTOM.

Specification of Letters Patent No. 32,165, dated April 23, 1861.

To all whom it may concern:

Be it known that I, JOSEPH STEVENS, of Lowell, in the county of Middlesex and Commonwealth of Massachusetts, have invented certain new and useful Improvements in Spring-Bedsteads; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

The nature of my invention consists in constructing the bed supporter of slats or strips in such a manner that it may be easily attached to any form of common bedstead by means of springs—also so that it may be easily and quickly detached from the bedstead and taken to pieces so as to pack in a small compass.

In the following description similar letters of reference indicate like parts.

Figure 1, is a perspective view of a bedstead containing my improvements. Fig. 2, is a cross vertical section. Fig. 3, is a view of the underside of one of the slats. Fig. 4, is a detached view of one end of one of the lockbars.

A, A are the side rails to the bedstead—attached to these are the hangers B, B, B, B, which are intended to receive one end of the springs. The springs C, C, C, C are fastened to the crossbars D, D, and upon these crossbars are fastened the longitudinal slats E E &c., the manner of fastening the slats being as follows: In the top of each crossbar are screwed the same number of screws F, F, that there are to be slats. The screws are turned into the wood so that the head shall not quite touch the bar. (Round headed screws with a square shoulder are best.) Then on the ends of each slat is screwed a plate G with a slot in it as shown in Fig. 3. One end of this slot is big enough for the head of the screw to go through; but the other end is only big enough to receive the shank—the small end of the slot being placed toward the end of the slat. The wood adjacent to the slot is cut away just sufficient to allow room for the head of the screw.

After all the slats are placed in position upon the screws, on top of the cross rails, the rails are spread apart from each other so that all the screws shall be brought into the small end of the slots in the slats and the rails are then locked in this position by the lockbar H. The lock bar H. is simply a slat or bar having at each end a slotted plate fastened to it as shown in Fig. 4. Screws in the ends of the crossbars receive the slots made in the plates and thus the crossbars are retained in their position.

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

The combination of the slotted slats E, E &c. the crossbars D, D, the lockbars H, H and the springs C C &c. substantially as and for the purpose described.

In testimony whereof I have hereunto set my signature this twentieth day of March in the year of our Lord eighteen hundred and sixty-one.

JOSEPH STEVENS.

In presence of—
MARTIN V. LIBBY,
A. T. DICKERMAN.