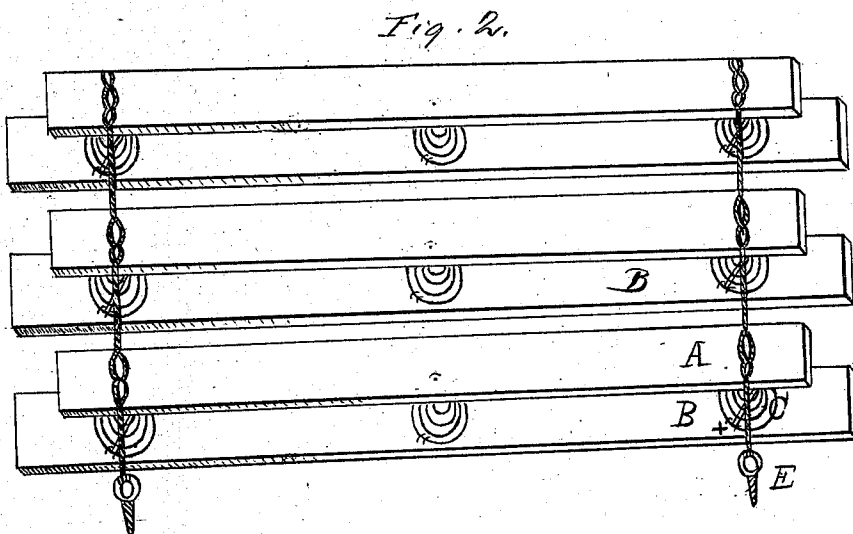
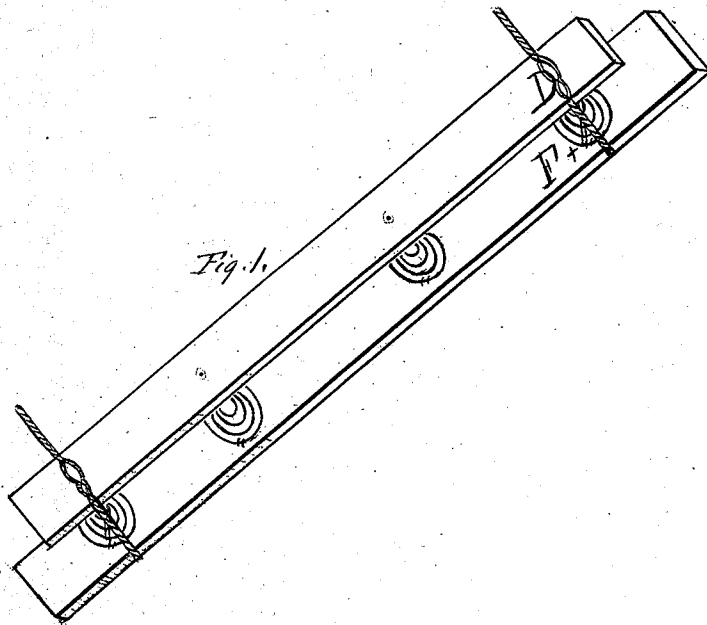


L. L. Newman,

Bed Bottom.

No. 106074.

Patented Aug. 2. 1870.



Witness
Chas. L. Woodhouse }
William, O. Goodridge }

Lane L. Newman,
Inventor

United States Patent Office.

LANE L. NEWMAN, OF EAST SAGINAW, MICHIGAN.

Letters Patent No. 106,074, dated August 2, 1870.

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, LANE L. NEWMAN, of East Saginaw, in the county of Saginaw and State of Michigan, have invented certain new and useful Improvements in Bed-Bottoms; and do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

The nature of my invention consists in the construction and arrangement of a noiseless folding bed-bottom, as will be hereinafter fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, which forms a part of this specification, and in which—

Figure 1 is a perspective view of one section of my bed-bottom, and

Figure 2 shows several sections joined together.

B B represent the ordinary slats laid crosswise in a bedstead, and provided on their upper sides with spiral springs C C, upon which rest other slats A A, each slat B, with its springs and top slat, forming one section of my bed-bottom.

The top slat A is about two inches shorter than the lower slat B, and the upper smaller ends of the coil springs C C are inserted in the under side of the top slat A, and fastened with a wire staple.

The lower or larger ends of the spiral springs are fastened to the bottom slat B in the following manner:

A cord, F, is placed under one side of the spring, and a staple driven in so as to fasten the end of the cord and that side of the spring to the slat.

Then pass the cord F over the bottom coil of the spring, crossing it midway, and fastening the other end under the opposite side of the spring with another staple.

This cord prevents the spring, when sagging down, from striking the lower slat, and consequently makes no noise.

Any desired number of springs may be used in each section, and any required number of sections may be used in a bedstead, the said sections being bound together by two cords, D D, in the following manner:

A screw, E, is inserted into the head and foot of the bedstead, in line with the outside rows of springs, and about one or two inches lower than the top of the slats, said screws being provided with eyes.

Now tie the end of the cord D into the eye-screw; then pass it to the first section over the slat A; then under and around this slat inside of the spring; then cross the cord on top and under the slat outside of the spring; then bringing it on top, and make two or three turns and draw it tight.

This keeps the slats in place, and is convenient to tighten or take down at any time.

Go through the same process with all the sections, and tie the cord tight in the eye-screw at the opposite end. One of these cords is at each side of the bed.

When taken from the bedstead, this bottom can be folded and tied up in a very small compass.

Having thus fully described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The combination and arrangement of the bottom slats B B, springs C C, cords F F, top slats A A, eye-screws E E, and cords D D, all substantially as and for the purposes herein set forth.

LANE L. NEWMAN.

Witnesses:

JNO. H. SPRINGER,
EUGENE WILBER.