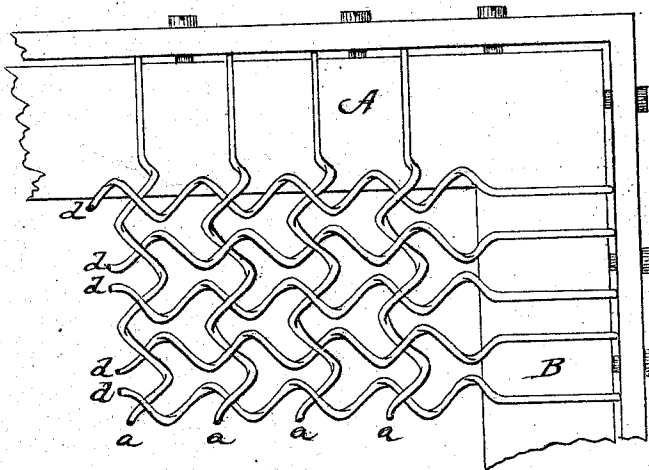


MORRIS KOHN.

Improvement in Spring Bed Bottoms.

No. 121,111.

Patented Nov. 21, 1871.



Witnesses

J. H. Shumway  
A. J. Tibbitts

Morris Kohn  
Inventor

By his Att'y.

John E. Earle

# UNITED STATES PATENT OFFICE.

MORRIS KOHN, OF HARTFORD, ASSIGNOR TO HIMSELF AND ALBERT L. MUNSON,  
OF NEW HAVEN, CONNECTICUT.

## IMPROVEMENT IN BED-BOTTOMS.

Specification forming part of Letters Patent No. 121,111, dated November 21, 1871.

*To all whom it may concern:*

Be it known that I, MORRIS KOHN, of Hartford, in the county of Hartford and State of Connecticut, have invented a new Improvement in Spring Bed-Bottom; and I do hereby declare the following, when taken in connection with the accompanying drawing and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawing constitutes part of this specification, and represents a top view of a portion of the bed.

This invention relates to an improvement in that class of bed-bottoms made from wire; and it consist in the interlacing of longitudinal and transverse spiral springs in the manner as more fully hereinafter described.

A represents one of the ends, and B one of the sides of the frame, the size of the frame corresponding to the bed for which it is intended. *a* are longitudinal springs, formed by winding the wire in the usual manner for forming spiral springs, except they are wound open, as denoted in the drawing. These springs are secured to the end pieces A and drawn taut. *d* are transverse springs, formed in the same manner and secured to the side pieces, passing over and under the longitudinal springs, one supporting the other and combining all together.

The great advantage of this construction over beds constructed with longitudinal springs only, which is the usual method of construction, is that in longitudinal springs the weight is not distributed, but comes entirely upon these springs upon which the weight rests; whereas by the interlacing of transverse springs a transverse support is thereby given, connecting all the springs together, so that whenever the weight is applied it is distributed, to some extent, over the entire bed.

I represent the springs as of single wires, but they may be formed by the combination of several wires; and in the general construction I do not arrange the wires so closely together as represented, as in large bed-bottoms the desired result is attained by arranging the springs two or three inches apart, more or less, making the bed lighter and, consequently, cheaper than when arranged closer together.

I claim as my invention—

A spring bed-bottom composed of longitudinal and transverse spiral springs interlaced, substantially as described.

MORRIS KOHN.

Witnesses:

SAML. COIT,  
A. L. MUNSON.

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