

B. P. NOTEMAN.
Spring Bed-Bottom.

No. 163,234.

Patented May 11, 1875.

Fig 1

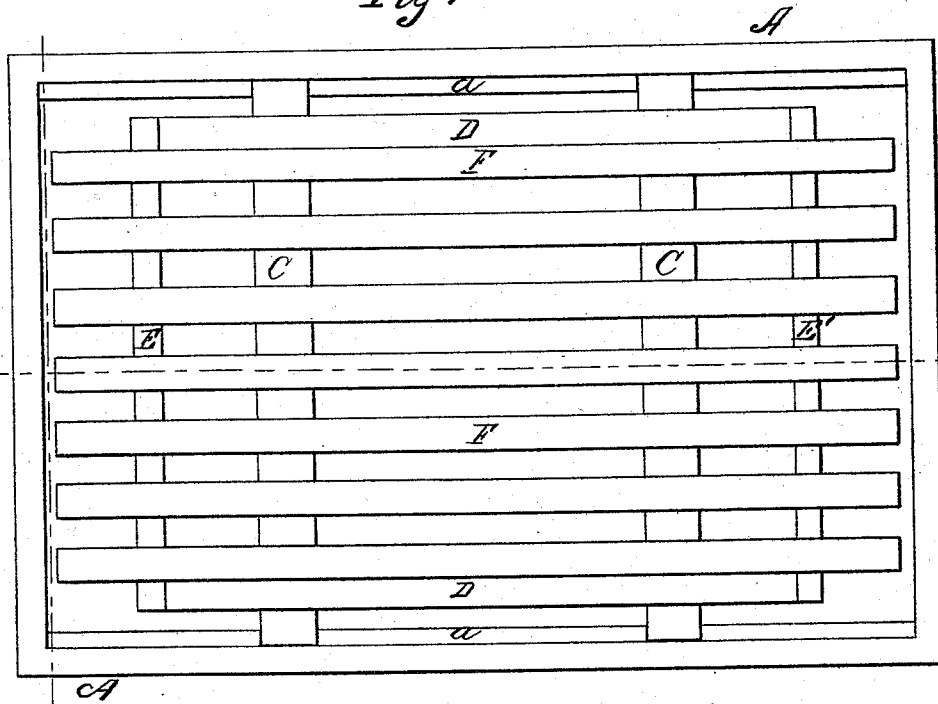


Fig 2

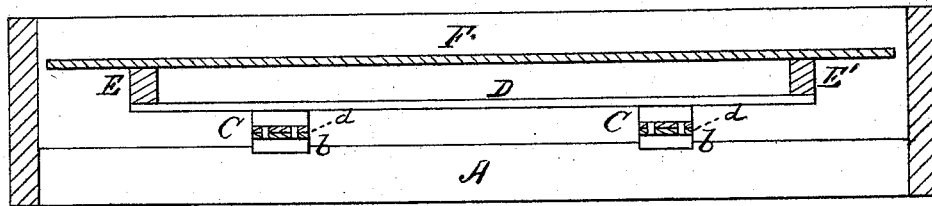
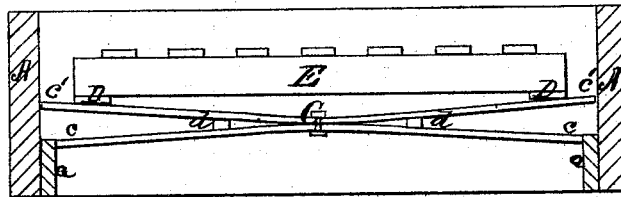


Fig 3



WITNESSES

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BARTON P. NOTEMAN, OF OLATHE, KANSAS.

IMPROVEMENT IN SPRING BED-BOTTOMS.

Specification forming part of Letters Patent No. 163,234, dated May 11, 1875; application filed July 18, 1874.

To all whom it may concern:

Be it known that I, BARTON P. NOTEMAN, of Olathe, in the county of Johnson and State of Kansas, have invented a new and valuable Improvement in Bed-Bottoms; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a plan view of my bed-bottom. Fig. 2 is a longitudinal sectional view of the same. Fig. 3 is a transverse sectional view of the same.

This invention has relation to spring bed-bottoms; and the novelty consists in the construction and arrangement of the parts, as will be hereinafter more fully described and claimed.

In the annexed drawings, A A designate the side rails of my improved spring bed-bottom, to the inner sides of which are rigidly secured longitudinal strips *a a*, having notches *b* upon their upper edges, into which are received the ends of the lower arms *c* of cross-springs C. These springs are constructed by joining together suitable wooden strips at their centers, and then causing each of the ends of boards composing the said spring to be separated by a sliding block or glut, *d*, by means of which their spring-action is maintained, and is increased or lessened. By causing the said glut to be thrust nearer the point of junction of the said boards, I increase their spring, and by removing it further therefrom I cause it to be lessened. The upper arms *c' c'* of the said spring are connected by longitudinal spring-bars D at each side of the bed-frame, and their adjacent ends are connected by transverse bars E E', which may also possess spring-action, though they are preferably rigid, and which sustain a suitable number of spring-slats F.

All the various parts of the spring bed-bottom above described are made of wood. It is of very simple construction, and may be made at little cost.

Owing to the fact of all its parts being springs, there is no possible position which an occupant could assume wherein a uniform and regular yielding thereof would not be produced by his weight, the sides, ends, and middle of the bed being simultaneously compressed thereby, and combining to produce a very comfortable and luxurious yielding to the exigencies of a sleeper.

It will be observed by an examination of the accompanying drawings that I have made use of two spring-bars, D, only, one arranged at each side of the bed; but when an unusually heavy occupant or occupants use my spring bed-bottom a third intermediate spring similar to those already described may be applied.

I am aware that a bed-bottom provided with two transverse springs united at their center by a band or ferrule, and having small separating blocks has heretofore been employed, and I therefore lay no claim, broadly, to such invention.

I am also aware that bed-springs consisting of slats arranged longitudinally of the bedstead, and secured together at their middle by ferrules and spread apart by blocks, each set of springs supporting a top slat, have heretofore been employed, and I therefore lay no claim to such invention.

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

The spring bed-bottom herein described, consisting of two sets of springs, each pair C C of which are united at their centers, and arranged transversely of the bedstead, with the ends of the lower springs resting in notches in the longitudinal cleats *a a*, attached to the side rails A A, adjustable blocks *d d*, longitudinal spring-bars D, transverse bars E E', and spring-slats F, all constructed and arranged substantially as set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

BARTON P. NOTEMAN.

Witnesses:

G. F. HENDRICKSON,
J. T. SWANK.