

J. I. WHEELER.
Spring Bed-Bottom.

No. 219,190.

Patented Sept. 2, 1879.

Fig. 1.

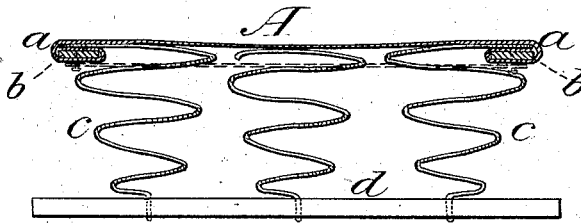
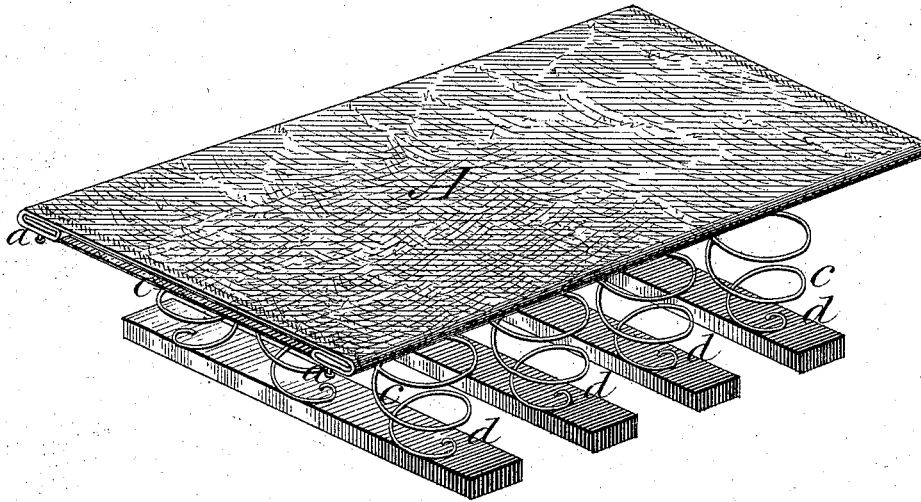


Fig. 2.

Attest:

Inventor.

S. H. Hudson
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UNITED STATES PATENT OFFICE.

JAMES I. WHEELER, OF JANESVILLE, WISCONSIN.

IMPROVEMENT IN SPRING BED-BOTTOMS.

Specification forming part of Letters Patent No. **219,190**, dated September 2, 1879; application filed February 18, 1879.

To all whom it may concern:

Be it known that I, JAMES I. WHEELER, of Janesville, in the county of Rock and State of Wisconsin, have invented a new and useful Improvement in Spring Bed-Bottoms, which improvement is fully set forth in the following specification and accompanying drawings, in which latter—

Figure 1 is a perspective view of my bed-bottom complete. Fig. 2 is a cross-section of my bed-bottom.

The invention relates to bed-bottoms consisting of metallic or other springs, on which rests a cover of some flexible material, allowing the bed to yield to pressure, and at the same time hold the springs together and protect the bedding.

The object of my invention is to provide a detachable cover for bed-springs that will be self-fastening in use, holding the springs in place and prevent tipping and spreading, and at the same time holds itself in proper place without fastening to the springs except by a tape stretched across each end.

In the accompanying drawings, A, Fig. 1, represents the bed-cover. *a a* is the folded border in the cover, in which are inserted flat strips *b b'*. *c c'* are the two outside rows of springs, in which the strips are interlaid. *d d'* are the slats of a bedstead.

The invention consists in the construction of a bed-bottom with a covering made of canvas or other suitable material, with a folded border in its two side edges adapted to receive flat strips of wood or metal of equal length with the cover, which are inserted in the folds of the border on each side edge of the cover, the width of the cover inside of the border to be just sufficient to bring the inner edges of the border even with the outside of the upper coils of the outside rows of springs.

The strips in the border, if made of wood, should be about one-fourth of an inch thick and about one and three-fourths of an inch wide; if made of metal, of such size as experience shall prove to be best; and when the cover is laid upon the springs the borders containing the flat strips are to be folded over the outside rows of springs, so as to lie between the two upper coils thereof, the flat strips after being so folded to be secured from slipping out or spreading by being fastened together with a tape or list band attached to

their ends and stretched across each end of the bed-bottom.

It will be seen that these folded borders containing the flat strips, when in position, rest upon the second coil of the side row of springs, and when there is weight upon the cover the upper coils press down upon them and hold them so firm that no other fastening is needed. The cover and the springs are thus firmly bound together; but to prevent displacement when there is no weight upon the cover, a tape or list band of sufficient strength is provided for each end of the cover, and before the flat strips are inserted in the borders a button of the ordinary kind is sewed upon each corner of the cover, upon the upper side, and when the cover is adjusted upon the springs, and the folded border (the strips being inserted) turned over between the first and second coils of the side row of springs, these buttons are then on the under side at each end of the strips, and then, button-holes being made in each end of the tape or list band, they are buttoned on, furnishing a simple binding of the ends of the strips together.

This mode of attaching the cover has the advantage of holding the springs in place and preventing the side springs from being injured by use, while at the same time the cover is attached and detached with the least possible inconvenience, and the springs with the slats are held so firm that they cannot be displaced.

What I claim as my invention is—

1. The combination, with the springs *c* of a bed-bottom, of the cover A, having the flat strips *b* inserted in its border *a* and folded over the outside rows of springs, so as to lie between the two upper coils thereof, substantially as described.

2. The combination of the springs *c* of a bed-bottom and the cover A, having the flat strips *b* inserted in its border *a*, and folded over the outside rows of springs so as to lie between the two upper coils thereof, with the tape or list bands securing the strips in position, substantially as described.

JAMES I. WHEELER.

Witnesses:

S. H. HUDSON,
ED. F. CARPENTER.