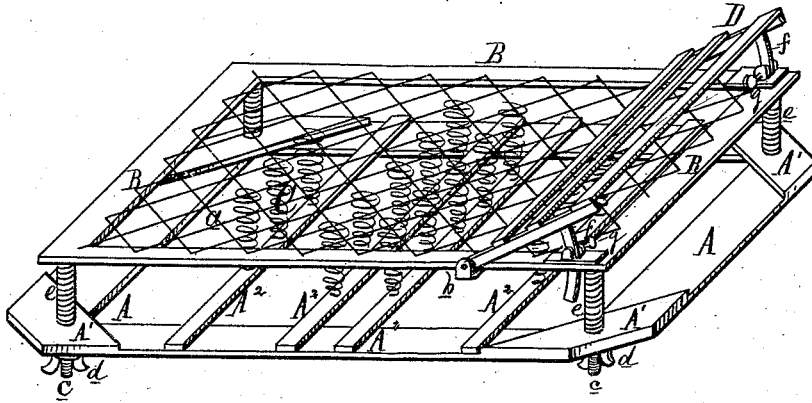


A. W. OBERMANN.
SPRING BED BOTTOMS.

No. 184,104.

Patented Nov. 7. 1876.



Attest.
Edward Barthel.
James O'Brien

Inventor.
A. W. Obermann
per Atty
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UNITED STATES PATENT OFFICE.

AUGUST W. OBERMANN, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN SPRING BED-BOTTOMS.

Specification forming part of Letters Patent No. **184,104**, dated November 7, 1876; application filed October 19, 1874.

To all whom it may concern:

Be it known that I, AUGUST W. OBERMANN, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Spring Bed-Bottom, of which the following is a specification:

The nature of my invention relates to an improvement in spring bed-bottoms, of that class which have upper and lower frames joined together; and it consists, in the combination with the two frames, of the adjustable screw-bolts at the corners thereof, each having a spiral spring sleeved on it to afford a yielding support to the upper frame, as hereinafter explained.

The drawing represents my bed-bottom in perspective.

In the drawing, A represents four metal bars, joined at their ends by the diagonal corner-pieces A¹, the whole forming the lower frame. B is the upper frame composed of four light metal bars, and has a covering of interlaced wires, *a*. Across the lower frame four intermediate metal slats, A², extend—two near the middle of the bed, and one at either side of them. On these slats inverted conical spiral springs C are placed, and support the wire netting of the upper frame, to which they are secured, being so disposed or grouped as to afford a stiffer support under the hips of an

occupant, the point under which a spring-bed is most likely to sag. D is a metallic bolster-frame, pivoted to the sides of the upper frame at *b*. Near the head end of each side bar of the bolster-frame D there is secured a pendent quadrant, *f*, which plays through a slot in the side rail of the frame B below. A plate with a slot between a pair of lugs is riveted to the frame over the quadrant slot; and in one of said lugs a set-screw, *g*, is tapped through to impinge upon the quadrant, force it against the other lug, and thus secure it in any position, so that the bolster-frame can have any desired angle of inclination. At each corner of the upper frame is secured a pendent bolt, *c*, passing down through the corner of the lower frame, where it receives a screw-nut, *d*. A spring, *e*, spirally coiled about the bolt is interposed between the upper and lower frames.

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

In a spring bed-bottom, the combination, with the upper and lower frames, of the bolt *c*, screw-nut *d*, and spring *e*, operating in the manner specified.

AUGUST W. OBERMANN.

Witnesses:

WM. H. LOTZ,

HERMAN A. KROESCHELL.