

T. L. ODELL.  
Bed-Bottom.

No. 166,545.

Patented Aug. 10, 1875.

FIG. I.

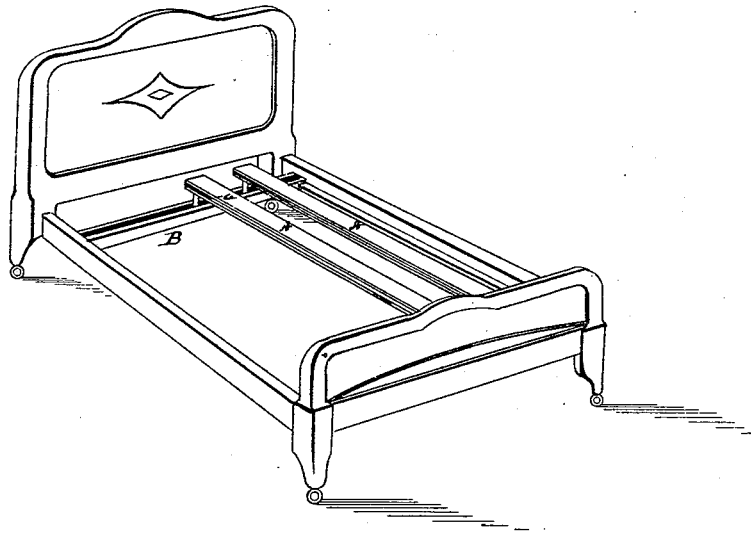


FIG. II.

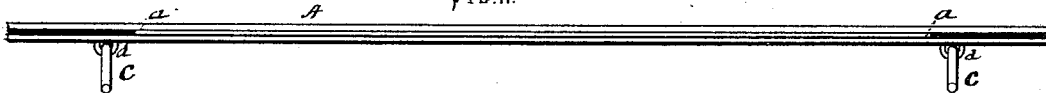


FIG. V.  
a—2—3—a

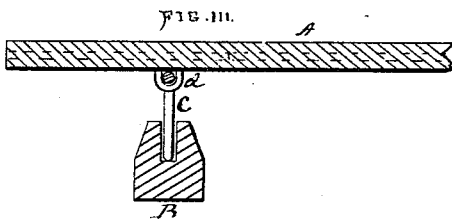
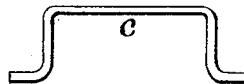


FIG. IV.



WITNESSES

*Phillip H. Maxon*  
*J. Wool*

INVENTOR.

*Thomas L. Odell*  
*per atty.*  
*A. H. Evans & Co.*

# UNITED STATES PATENT OFFICE.

THOMAS L. ODELL, OF IOWA FALLS, IOWA.

## IMPROVEMENT IN BED-BOTTOMS.

Specification forming part of Letters Patent No. **166,545**, dated August 10, 1875; application filed November 19, 1874.

*To all whom it may concern:*

Be it known that I, THOMAS L. ODELL, of Iowa Falls, Iowa, have invented certain new and useful Improvements in Spring Bed-Bottoms, of which the following is a clear, full, and exact description, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of my invention. Fig. 2 is a detached view of a slat. Fig. 3 is a section across the grooved slat. Fig. 4 is a view of a detached staple. Fig. 5 is a cross-section of the slat.

The nature of my invention relates to the construction of a spring bed-bottom; and it consists in the combination of devices hereinafter described and explained.

To enable others skilled in the art to make and use my invention, I will proceed to describe the exact manner in which I have carried it out.

In the drawing, A represents a slat, along each side of which is formed a groove, in which is secured a metallic spring or wire. This combination of the concealed metallic spring with the wooden slat enables us to use a single slat, and a much lighter one, instead of doubling the slats, as shown in the patent granted to Odell & Hudson, February 11, 1873, No. 135,724. The grooves are made so as to allow the wire or metal spring to fit

snugly in them, and the springs are secured at their ends *a a* in any convenient way. This construction secures an effective and substantial light slat. B B are grooved slats across the head and foot of the bedstead. Through eyes in each end of the spring-slat A is secured a metal staple, C, bent as shown in Fig. 4. The groove in the cross-slats B B is sufficiently large to allow the legs of the staple C to fit snugly therein, and, when necessary, to allow the staples to be moved along the groove.

It is evident from this description that when the staple is secured in the end of the slat, and its legs placed in the groove of the cross-slat, the spring-slat will ride safely and noiselessly on the staple, and that the slats can be readily made to fit any sized bed.

Having thus explained my invention, what I claim as new, and desire to secure by Letters Patent, is—

In combination with the grooved slats B, the slats A provided with the metallic springs or wires *a a*, the staples C and eyes *d*, all constructed substantially as and for the purpose set forth.

THOMAS LEWIS ODELL.

Witnesses:

R. D. BUTTON,  
T. F. HURLEY.