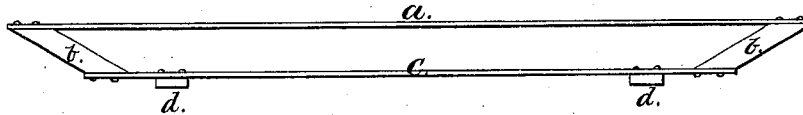


I. N. & M. HOYT.  
Spring Bed-Bottom.

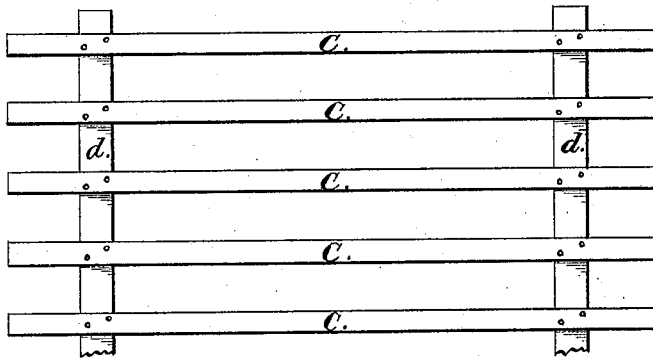
No. 167,902.

Patented Sept. 21, 1875.

*Fig 1.*



*Fig 2.*



*Witnesses:*

*Sam Hopkins*  
*Ellen Hoyt*

*Inventor:*

*Geor M Hoyt*  
*Marsat Hoyt*

# UNITED STATES PATENT OFFICE.

ISAAC N. HOYT AND MINOT HOYT, OF WAYLAND, MICHIGAN.

## IMPROVEMENT IN SPRING BED-BOTTOMS.

Specification forming part of Letters Patent No. 167,902, dated September 21, 1875; application filed September 16, 1874.

*To all whom it may concern:*

Be it known that we, ISAAC N. HOYT and MINOT HOYT, of Wayland, Allegan county, and State of Michigan, have invented an Improvement in Spring Bed-Bottoms, of which the following is a specification:

Our invention relates to the construction of a spring bed-bottom entirely of wood, riveted, screwed; or bolted together, as hereinafter more fully described.

In the drawing, Figure 1 represents a side view of the bed-bottom, showing one of the springs. *a* represents the upper or spring slat; *c*, the lower slat, resting on the bedstead; *b*, diagonal blocks connecting spring-slat *a* with bottom slat *c*. *d* represents supports for bottom slat *c*, to which any number of parts *a b c*, sufficient to form a spring bed-bottom, may be fastened, and held the proper distance apart.

Fig. 2 represents a plan view of the lower slats, showing slats *c* resting on cross-slats *d*.

To make our bed-bottom, place supports *d* parallel to each other, and fasten slats *c* to them near each end. Between bottom slat *c* and top slat *a*, each cut of any desired length, place diagonal block *b*, holding slats *a* and *c* apart, and with weight of mattress and per-

sons slat *a* will spring toward *c*, forming an easy, durable, and cheap spring bed-bottom.

By making blocks *b* diagonal, as shown by Fig. 1, supports *d* may be placed closer together than otherwise, and the bottom slats can consequently be made shorter, for while the lower end of diagonal block *b* is fastened back on slat *c*, near support *d*, the upper end of block *b* will project forward to accommodate and support the longer spring-slat *a*, securing more spring-surface and motion from upper spring-slat with the use of less material than can be secured by using the ordinary blocks for support, while at the same time is secured the peculiar spring motion of the outer ends of the bottom slats *c*, not otherwise attained.

What we claim to have invented, and desire to secure by Letters Patent, is—

A spring bed-bottom, having diagonal block *b*, in combination with slats *a* and *c*, and transverse supports *d*, substantially as and for the purpose set forth.

ISAAC N. HOYT.  
MINOT HOYT.

Witnesses:

SAM. HOPKINS,  
ELLEN HOYT.