

A. Cole,  
Feed Bottom.

No. 98230.

Patented Dec. 28. 1869.

Fig. 1.

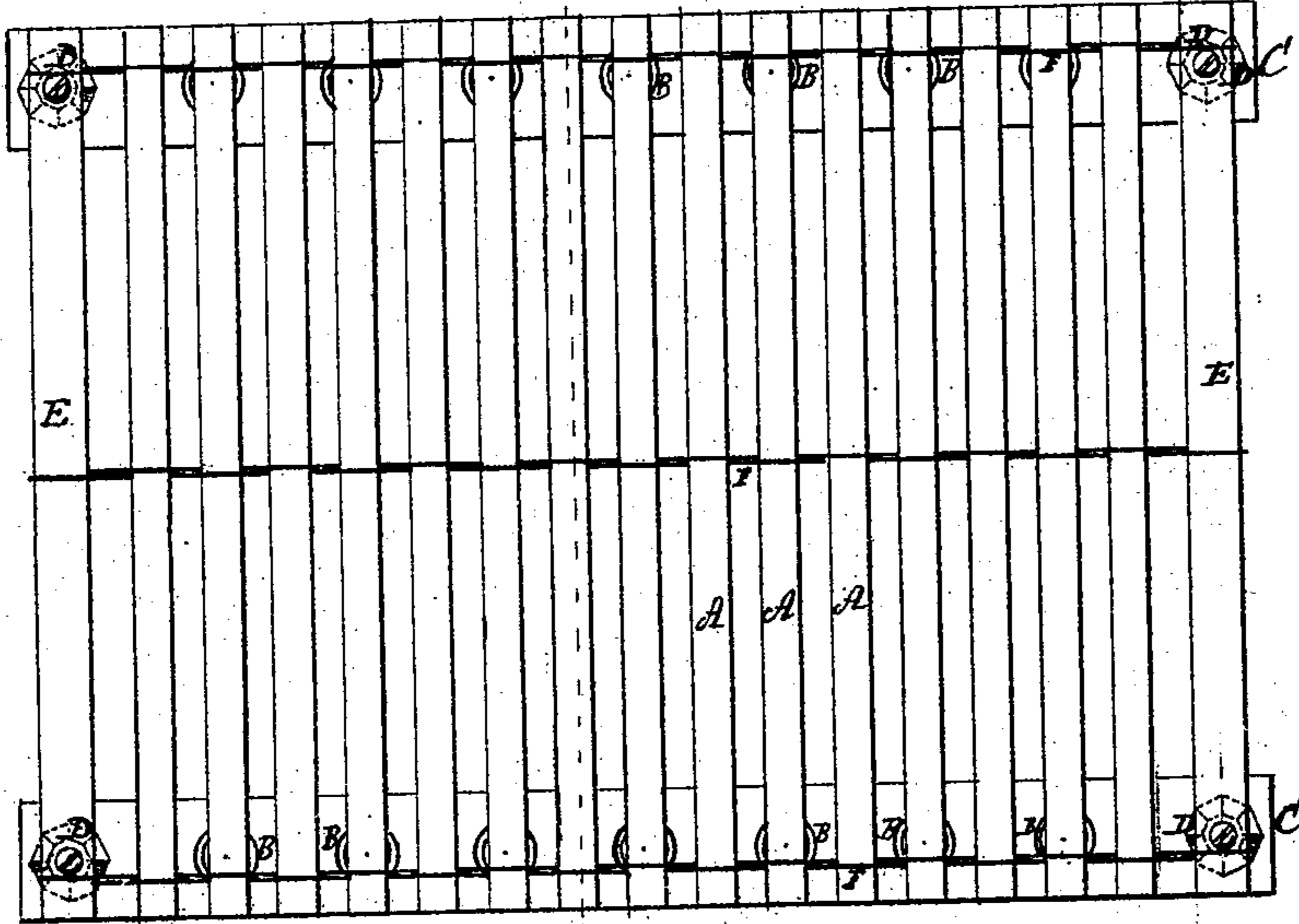
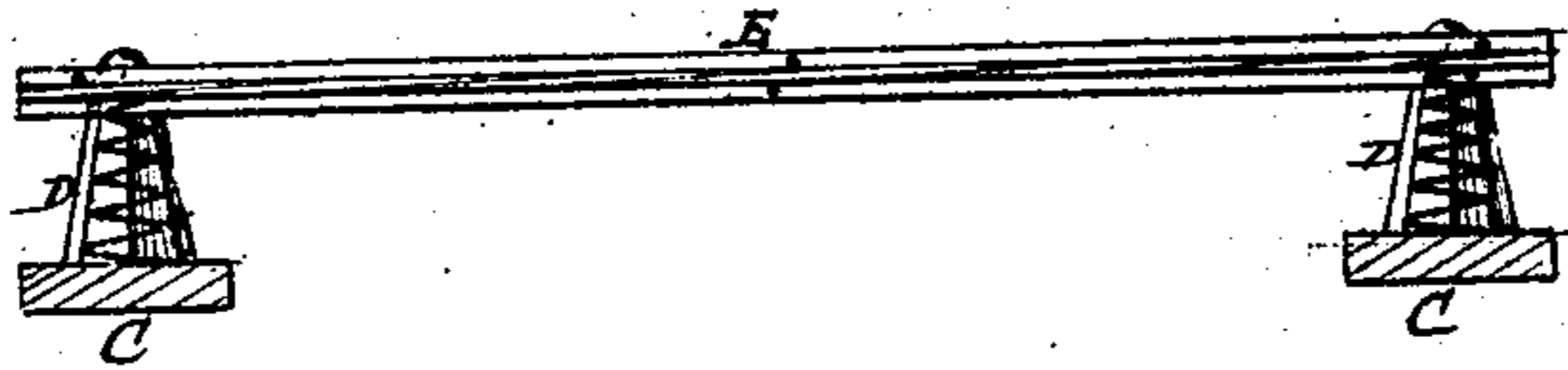


Fig. 2.



Witnesses:

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PER

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# United States Patent Office.

ANDREW COLE, OF MISHAWAKA, INDIANA.

*Letters Patent No. 98,230, dated December 28, 1869.*

## IMPROVED SPRING-BED BOTTOM.

The Schedule referred to in these Letters Patent and making part of the same

*To all whom it may concern:*

Be it known that I, ANDREW COLE, of Mishawaka, in the county of St. Joseph, and State of Indiana, have invented a new and useful Improvement in Spring-Bed Bottom; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The object of this invention is to provide a durable, simple, and highly-elastic bottom for beds; and

It consists in the construction and arrangement of parts, as hereinafter described.

In the accompanying drawing—

Figure 1 represents a top or plan view.

Figure 2 is a vertical cross-section.

Similar letters of reference indicate corresponding parts.

A are transverse elastic wooden slats, which are supported at each end on metallic spiral bed-springs B.

The springs B rest on longitudinal bed-pieces C, which are supported by the side-rails of the bedstead.

At each corner of the bed-bottom there is a conical pillar or stand, D, on the top of which, at each end, there is secured a substantial cross-piece, E.

F represents wires, which are attached to these cross-pieces, between which wires the slats are secured, as seen in the drawing.

The slats A are woven in the wires forming the "warp," and the slats the "filling." The spring slats are in this manner securely tied together, and all lateral movement is prevented.

The spring of the bed-bottom is all in a vertical direction, and the conical bed-springs are so held by the wires that they cannot be displaced.

The stands or pillars D, at each corner of the bottom, with the cross-pieces E, are fixed and rigid points, from which the slats and springs are supported.

This is a simple, cheap, and durable bed-bottom, and its advantages will be readily understood and appreciated by all.

Having thus described my invention,

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

The bed-bottom, consisting of the longitudinal rails C, provided at each end with the fixed conical pillars D, to which are secured the cross-pieces E, forming the support of the middle and outer wires F, with which the slats A are interwoven, the latter resting at their ends on spiral springs B, as shown and described.

ANDREW COLE.

Witnesses:

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