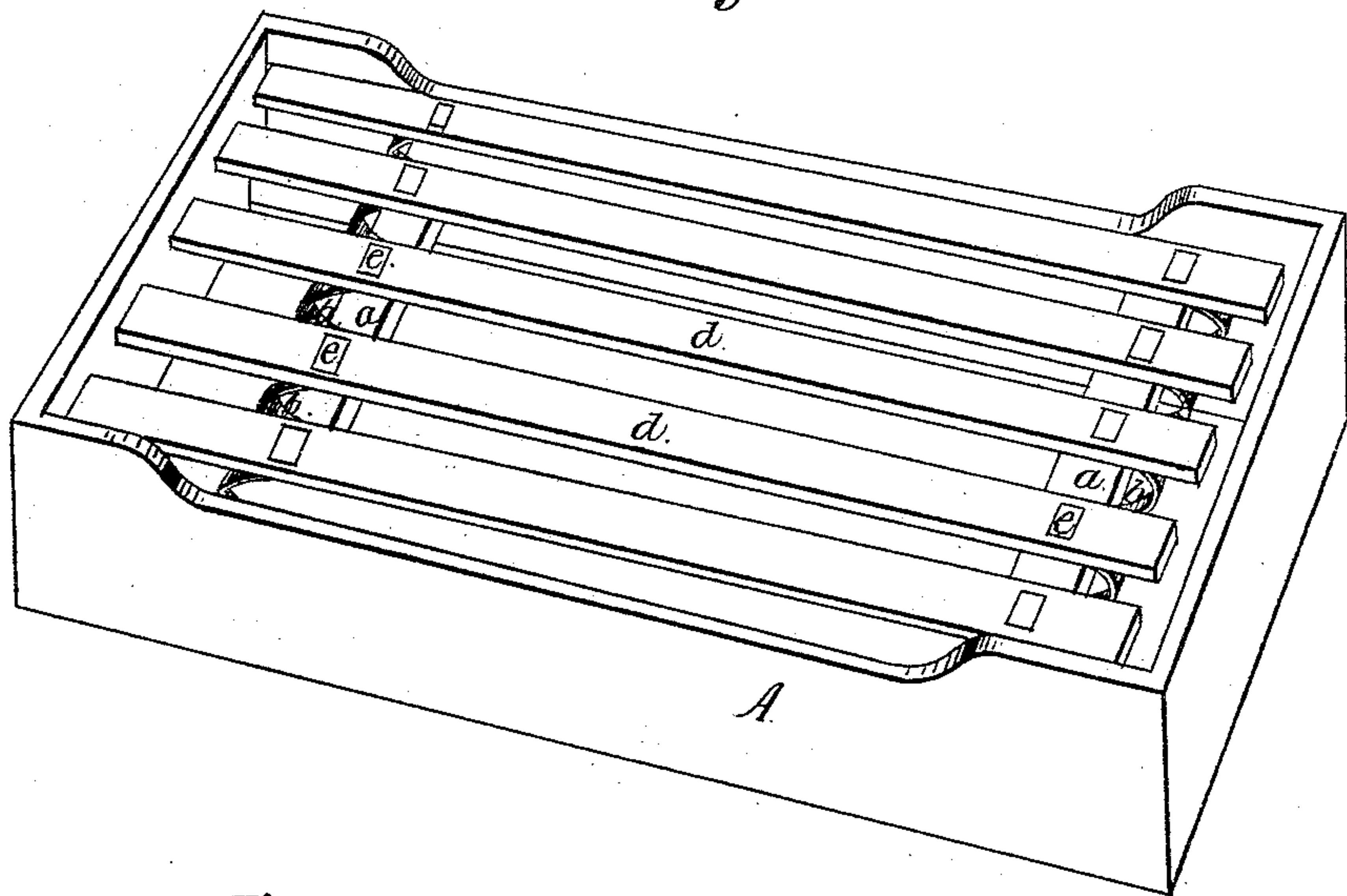


*Z. S. Cracraft,*  
*Bed Bottom,*  
*N<sup>o</sup> 84,092, Patented Nov. 17, 1868.*

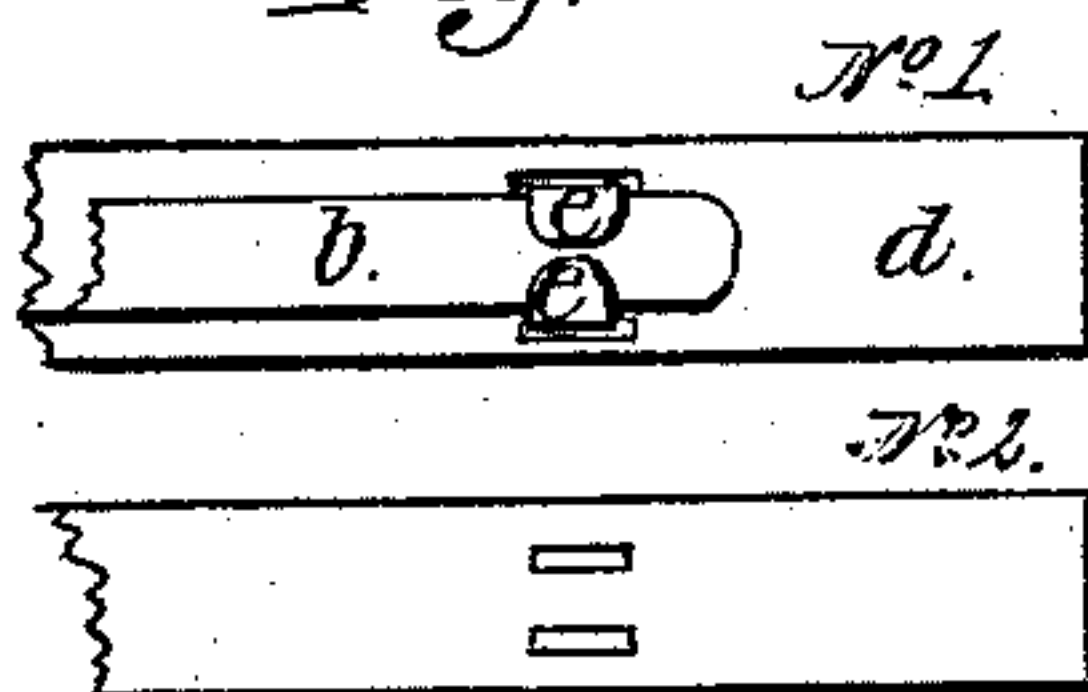
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Witnesses:*

*A. R. Hill*  
*A. M. Cole*

*Inventor:*

*Z. S. Cracraft*  
*by Geo E Brown*  
*Atty.*



Z. S. CRACRAFT, OF LACON, ILLINOIS.

*Letters Patent No. 84,092, dated November 17, 1868.*

**IMPROVED MEANS FOR SECURING SPRINGS TO SLATS OF BED-BOTTOMS.**

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, Z. S. CRACRAFT, of Lacon, in the State of Illinois, have invented a new and useful Improvement in Spring-Bed Bottoms; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and letters of reference marked thereon, making a part of this specification.

To enable those skilled in the art to make and use my invention, I now proceed to describe its construction and operation.

Similar letters in the drawings refer to like parts.

A represents the side and ends of an ordinary bed-frame. Two cross-bars, *a a*, suitably supported at their ends upon the side-pieces A, serve as foundations for the semi-elliptic springs *b*, the connection between said cross-bars and springs being effected in any suitable manner. The springs, of which there may be five or more on each cross-bar, sustain upon their upper ends the slats *d*; and it is upon the means of connecting said slats and springs that I desire to obtain a patent.

Such connection is effected in the following manner: Through suitable orifices in the slats *d*, of which there are four in each slat, are passed the ends of metallic coupling-pieces, *e*, the ends of each coupling-piece passing downward through two of the aforesaid orifices, and

being then bent around, so as to clasp and firmly secure the ends of the springs *b*, which are placed between the orifices, on the under sides of the slats *d*. The connection thus effected is simple and efficient, and the whole arrangement forms an excellent attachment to bedsteads.

I am aware that the springs have been fastened to the slats and cross-pieces of the bedstead by pins, but when such fastenings are used, the springs frequently are turned upon the pin-connections as pivots, and the springs become misplaced, which is prevented in my invention by the employment of the bent portions or lips *e e*, which are made broad, and bent securely over the upper end of the spring *b*.

Having thus fully described my invention,

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

Securing the semi-elliptic spring *b* to the slat *d*, by means of the coupling-piece *e*, provided with the bent lips *e e*, passing through slots in the slats, substantially as described.

Z. S. CRACRAFT.

Witnesses:

SAM'L J. McFADDIN,  
E. D. KALDENBAUGH.