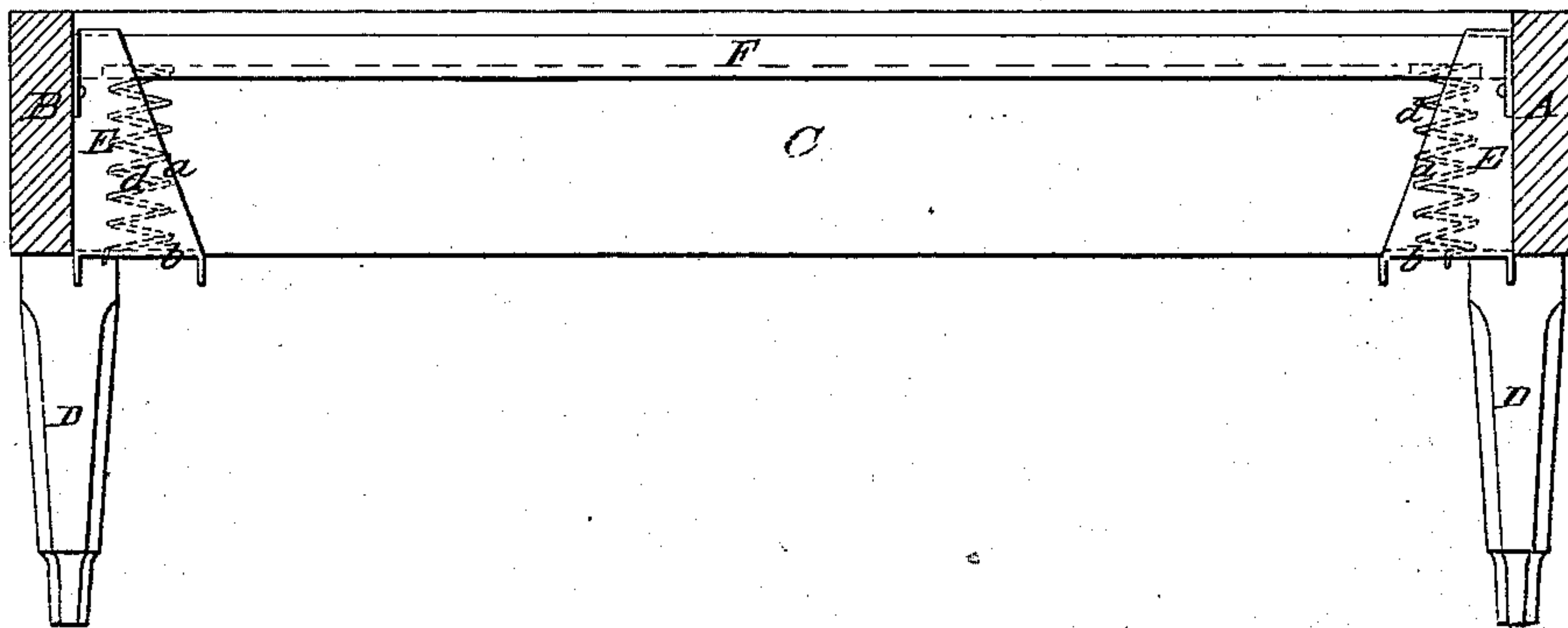
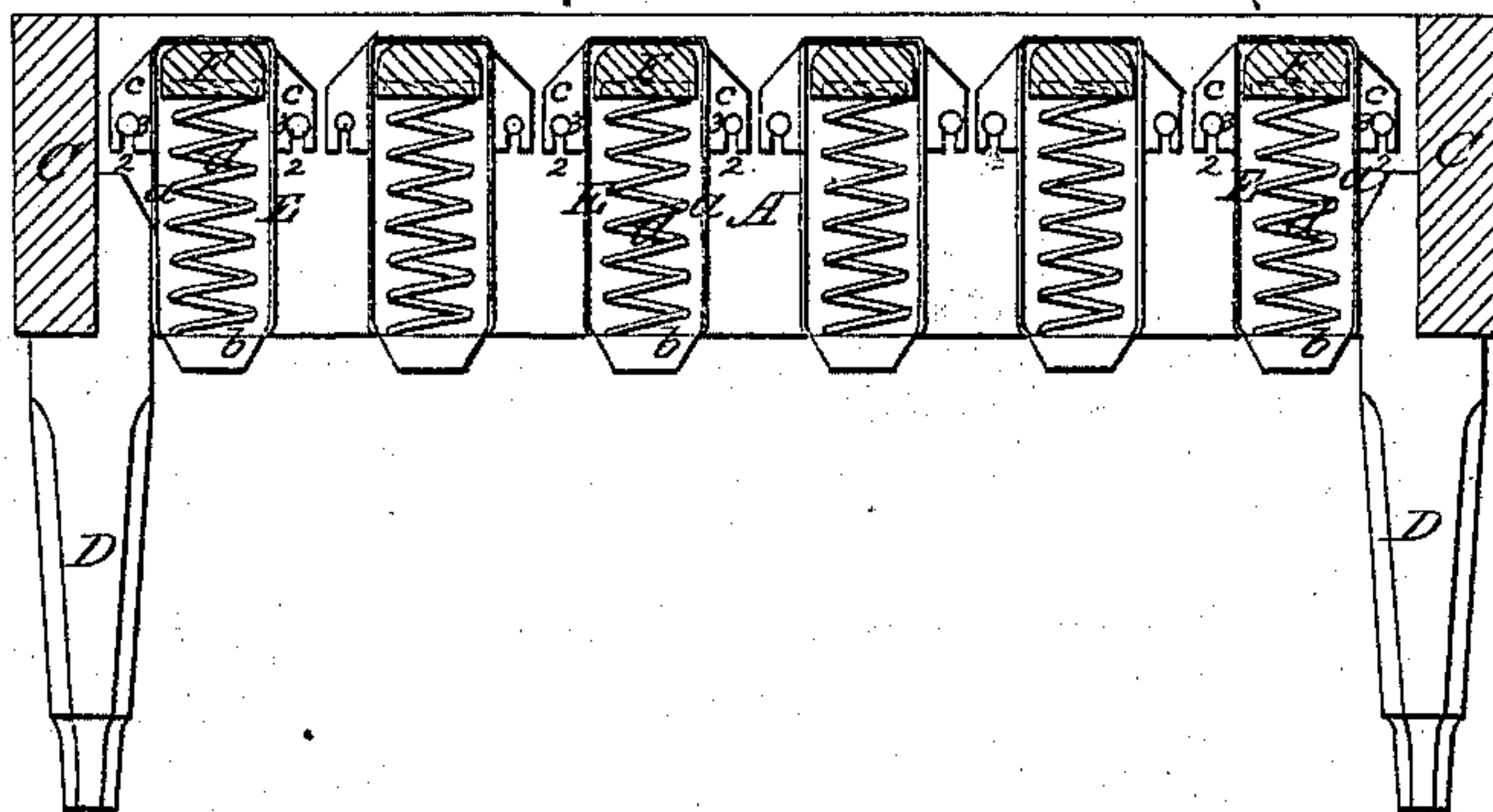


*J. & S. Danner,*  
*Bed Bottom,*  
*No 43,104,                      Patented June 14, 1864.*

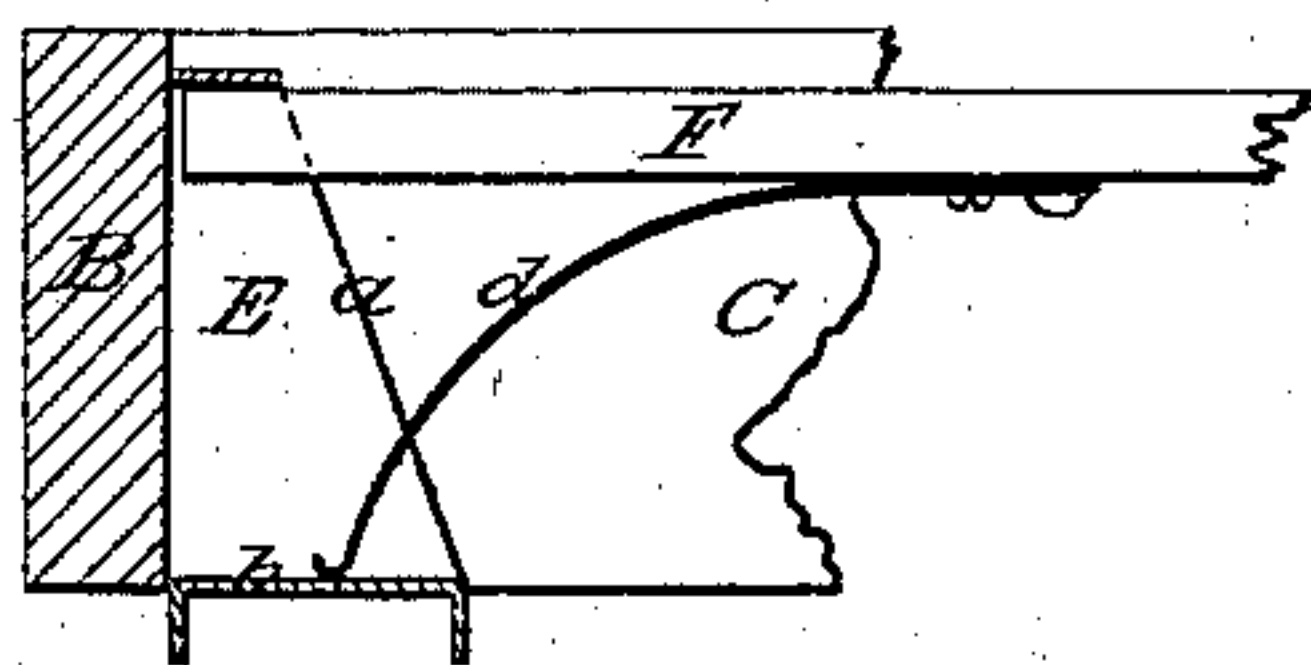
*Fig. 1*



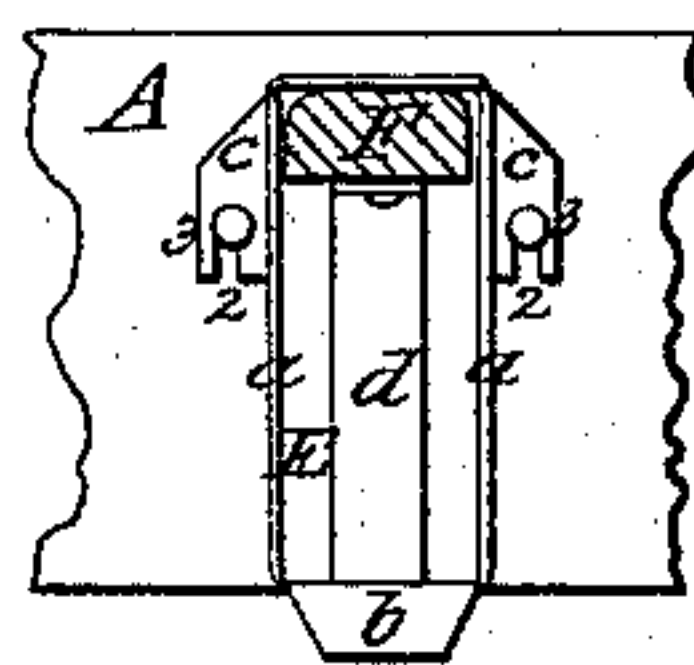
*Fig. 2*



*Fig. 3*



*Fig. 4*



*Witnesses:*

*A. Moore*  
*J. D. Patten*

*Inventors:*

*John Danner and Samuel Danner*  
*By attorney A. B. Doughton*

# UNITED STATES PATENT OFFICE.

JOHN DANNER AND SAMUEL DANNER, OF CANTON, OHIO.

## IMPROVED SPRING BED-BOTTOM.

Specification forming part of Letters Patent No. 43,104, dated June 14, 1864.

*To all whom it may concern:*

Be it known that we, JOHN DANNER and SAMUEL DANNER, of Canton, in the county of Stark and State of Ohio, have invented certain new and useful Improvements in Spring Bed-Bottoms; and we do hereby declare the following to be a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a longitudinal vertical section through a bedstead, and showing the spring-bottom in place. Fig. 2 represents a vertical transverse section through the same. Figs. 3 and 4 represent broken views of a modified form of spring which may be used instead of the coiled springs shown in the other figures.

Similar letters of reference, where they occur, denote like parts in all the drawings.

Our invention consists in providing brackets for the slats and springs to rest upon and be guided in, said brackets being easily removed or replaced upon the bedstead or bed-frame.

To enable others skilled in the art to make and use our invention, we will proceed to describe the same with reference to the drawings.

A B may represent the ordinary head and foot rail or board of a bedstead, and C the side pieces thereof, D being the legs or supports.

E E represent a series of brackets, which we prefer to make of metal, but which may

be made of wood. These brackets have side pieces, *a*, bottom pieces, *b*, and lugs *c*, which lugs have slots 2 in them, by which the brackets may be hooked on or suspended to the buttons or pins 3, arranged in the head and foot rails A B.

F are wooden slats which extend lengthwise of the bedstead, their ends being within the sides of the brackets, so as to preserve their proper places as they yield to the superincumbent weight upon them. The ends of these slats are supported, respectively, by one of the ends of the springs *d*, the other ends of said springs resting upon the bottoms *b* of the brackets. It is immaterial to the action of the bed-bottom whether these springs be like those shown in Figs. 1 and 2 or like those shown in Figs. 3 and 4, or whether they be rubber or any other kind of springs, so long as they support the slats in the brackets and allow the slats to freely sink or rise, and be guided in their vertical motions by said brackets.

Having thus fully described our invention, what we claim therein as new, and desire to secure by Letters Patent, is—

Uniting and supporting the slats by means of interposed springs upon and within the walls of the brackets E, which brackets are removable and replaceable at pleasure, all substantially as described and represented.

JOHN DANNER.  
SAMUEL DANNER.

Witnesses:

W. W. CLARK,  
P. E. THOMPSON.