

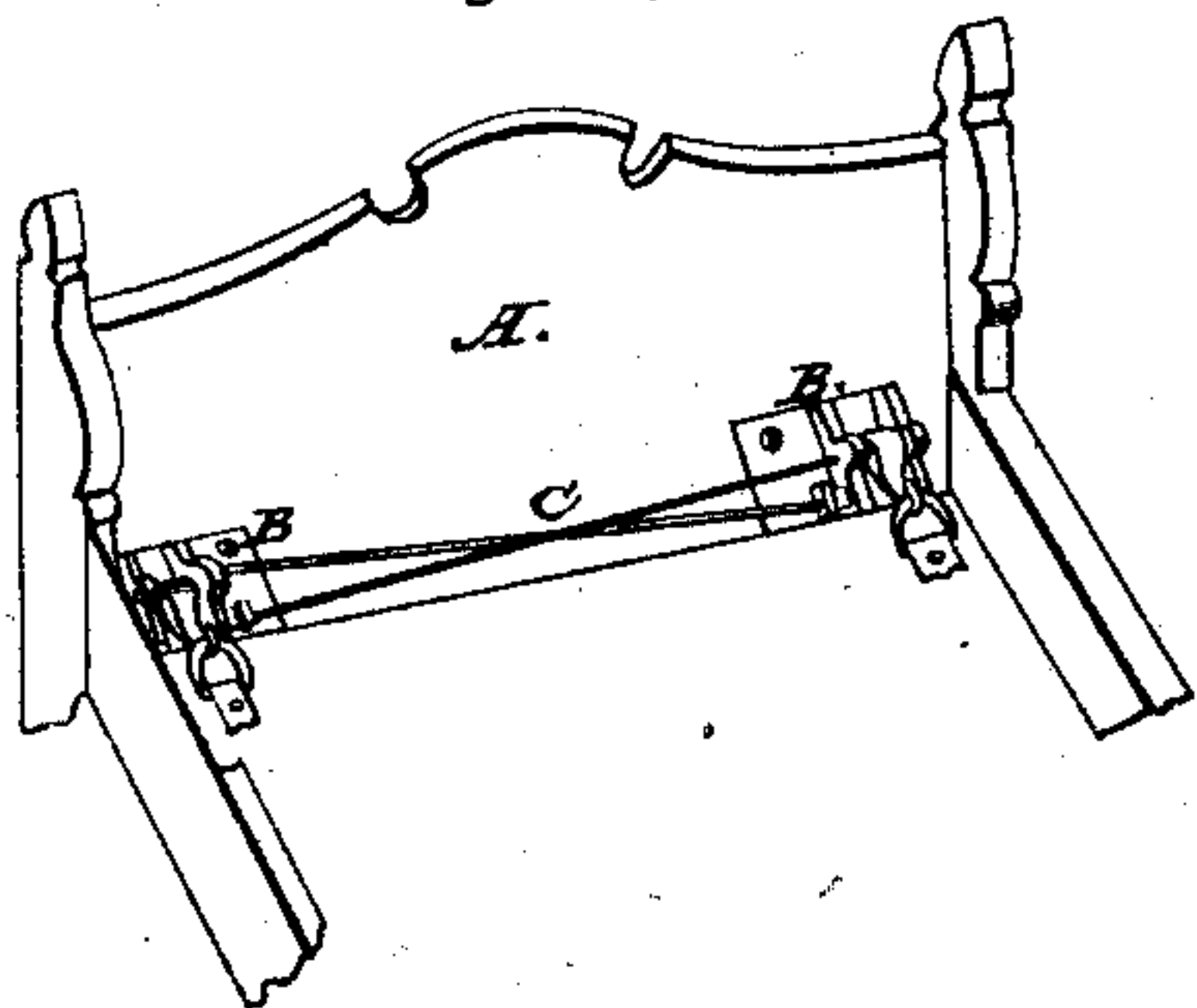
*L. M. Bolles,*

*Bed Bottom*

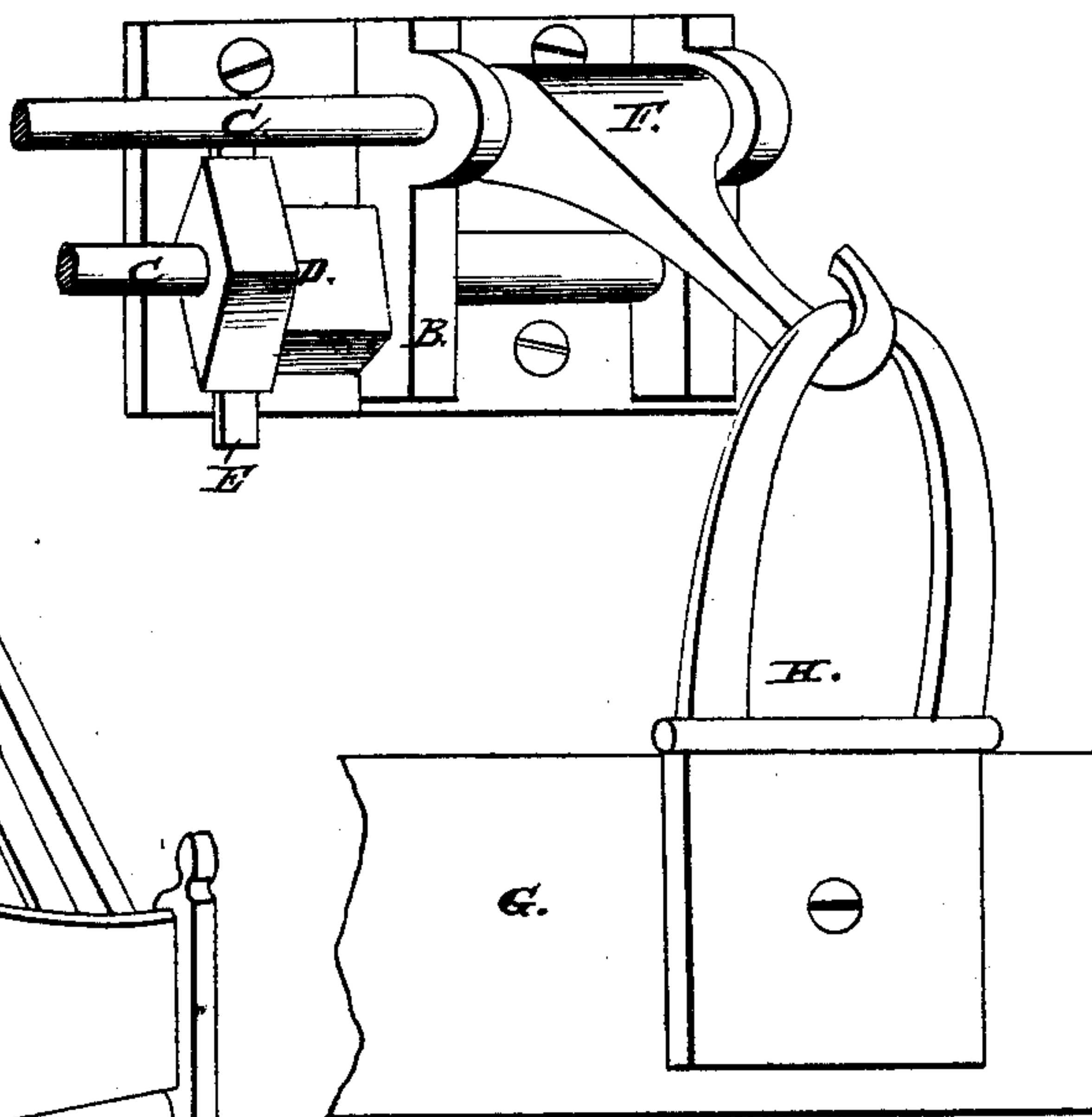
*N<sup>o</sup> 69,617.*

*Patented Oct. 8, 1867.*

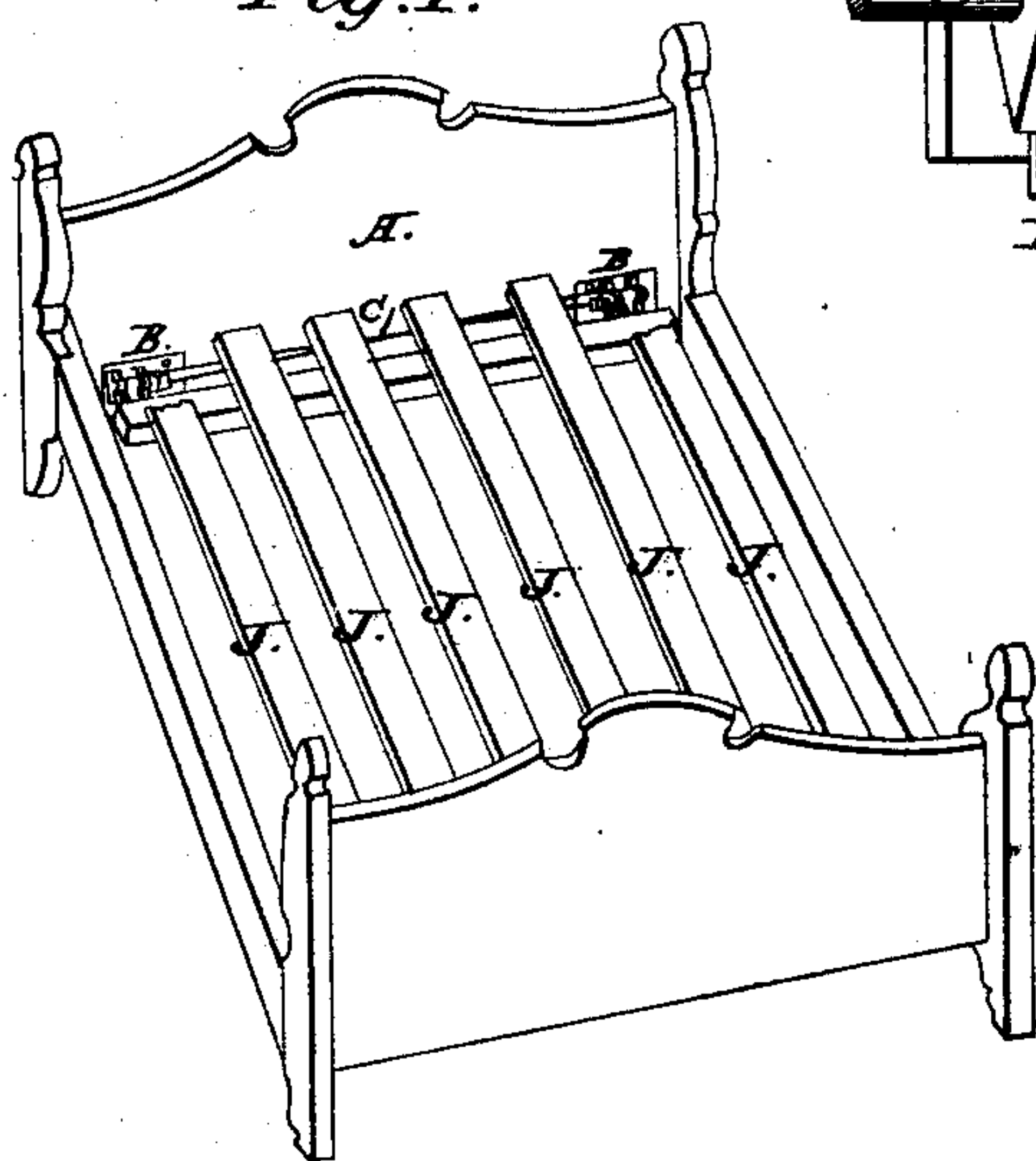
*Fig. 2.*



*Fig. 3.*



*Fig. 1.*



*Witnesses:*  
*Samuel Harper.*  
*Francis Carroll.*

*Inventor.*  
*Luzema M. Bolles.*

# United States Patent Office.

LUZERNE M. BOLLES, OF COOPERSTOWN, NEW YORK.

*Letters Patent No. 69,617, dated October 8, 1867.*

## IMPROVED 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, LUZERNE M. BOLLES, of Cooperstown, in the county of Otsego, and State of New York, have invented a new and improved Spring-Bed Bottom; and I do hereby declare that the following is a full, clear, and exact description of the construction of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a perspective view of the bedstead, with spring bottom, ready for use.

Figure 2 is a view of a portion of the bedstead and springs, showing the manner of arranging and attaching said springs to the bedstead.

Figure 3 is a sectional full-size view of the device or mechanism for holding and operating the springs.

Same letters of reference refer to like parts on each of the drawings.

The nature of my invention consists in constructing and arranging metal rods in such a manner as will form the springs for a bed-bottom, by having two rods at each end of the bedstead, secured in a suitable device, each rod with a hook at one end, on which rests the bed-bottom, and key or wrench-blocks on the opposite end for turning and holding said rod, to give the required tension, the spring being obtained by twisting said rods; and the aforesaid rods are arranged on both ends so as to have a hook at each corner of the bedstead, on which a suitable bar rests for supporting long slats, or a frame with sacking-bottom may be used; and said springs can be made stiff or limber, according to the weight they are required to bear, by adjusting with the wrench and key-blocks, which is an advantage possessed by no other spring-bed.

A is the bedstead. B is the iron which is screwed on to the bedstead. C are metal rods, the ends of which are supported and operated in holes made for that purpose in the castings B. D are key-blocks secured on rods C, for the purpose of turning said rods to the required tension. Said blocks are constructed by having two square blocks placed at opposite angles, forming an octagon, and at the same time having a full square side to rest on the key. E are the keys which hold the key or wrench-blocks from turning back. F is a hook on the opposite end from the key-blocks on rod C. G are cross-bars, of wood. H are links or loops secured on cross-bars G, and connect said bars to hooks F. J represents slats, the ends of which rest and are fastened by screws or nails, or any other suitable device, on cross-bars G; and if a frame and sacking be used, instead of slats, the links or loops H are secured to each corner of the frame, to connect them with hooks F.

To use my invention screw the irons B, with the rods in them, on to the bedstead; put cross-bar G on to hooks F; put on slats J; then turn and key the rods to the proper tension, and the bed-bottom is ready for use.

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

The combination of irons B, rods C, key-blocks D, keys E, hooks F, links H, and cross-bar G, or their equivalents, with each other, and with the bedstead A, arranged as described and set forth, for the purposes specified.

LUZERNE M. BOLLES.

Witnesses:

SAMUEL HARPER,  
FRANCIS CARROLL.