

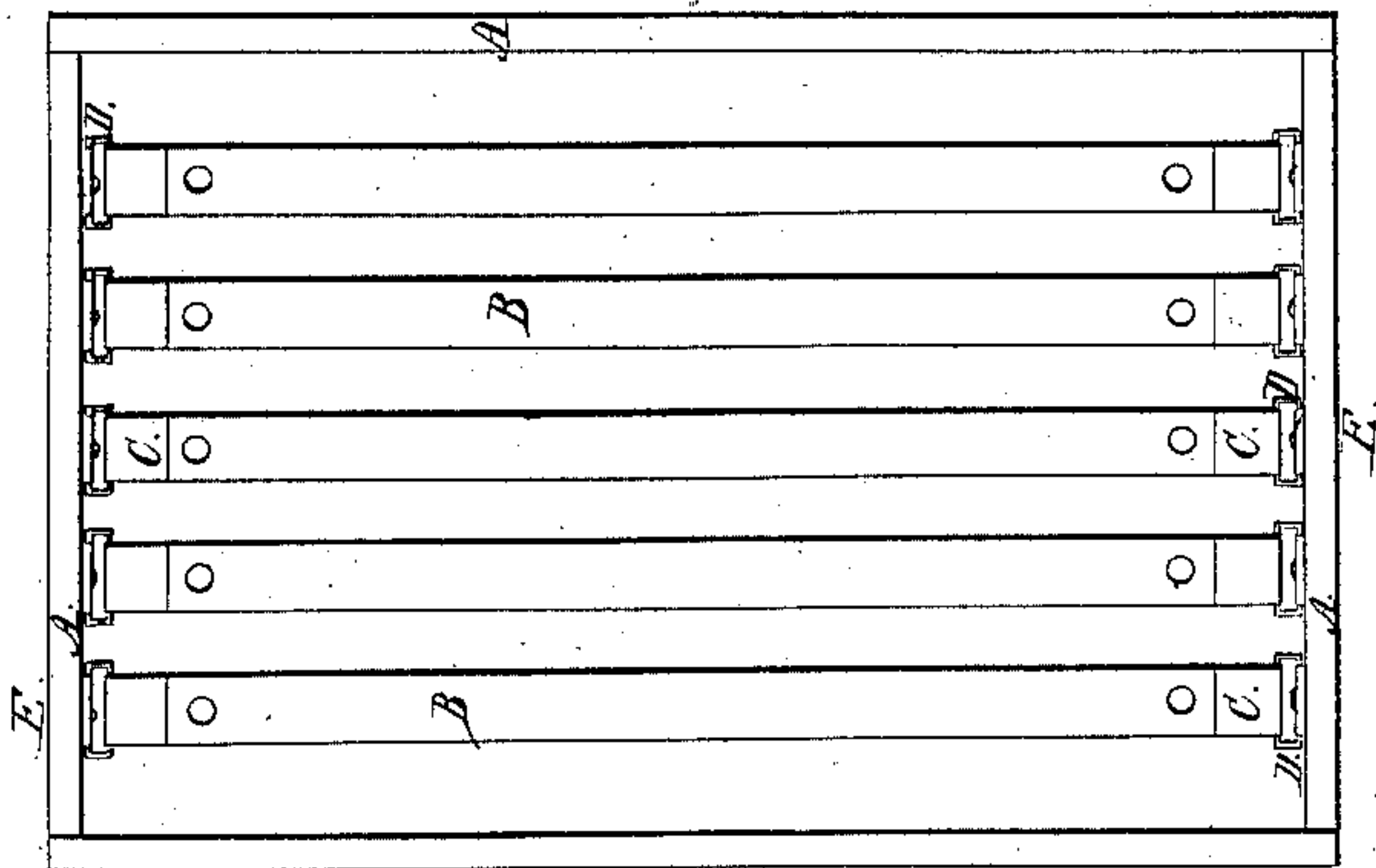
*S. Walker,*

*Bed Bottom,*

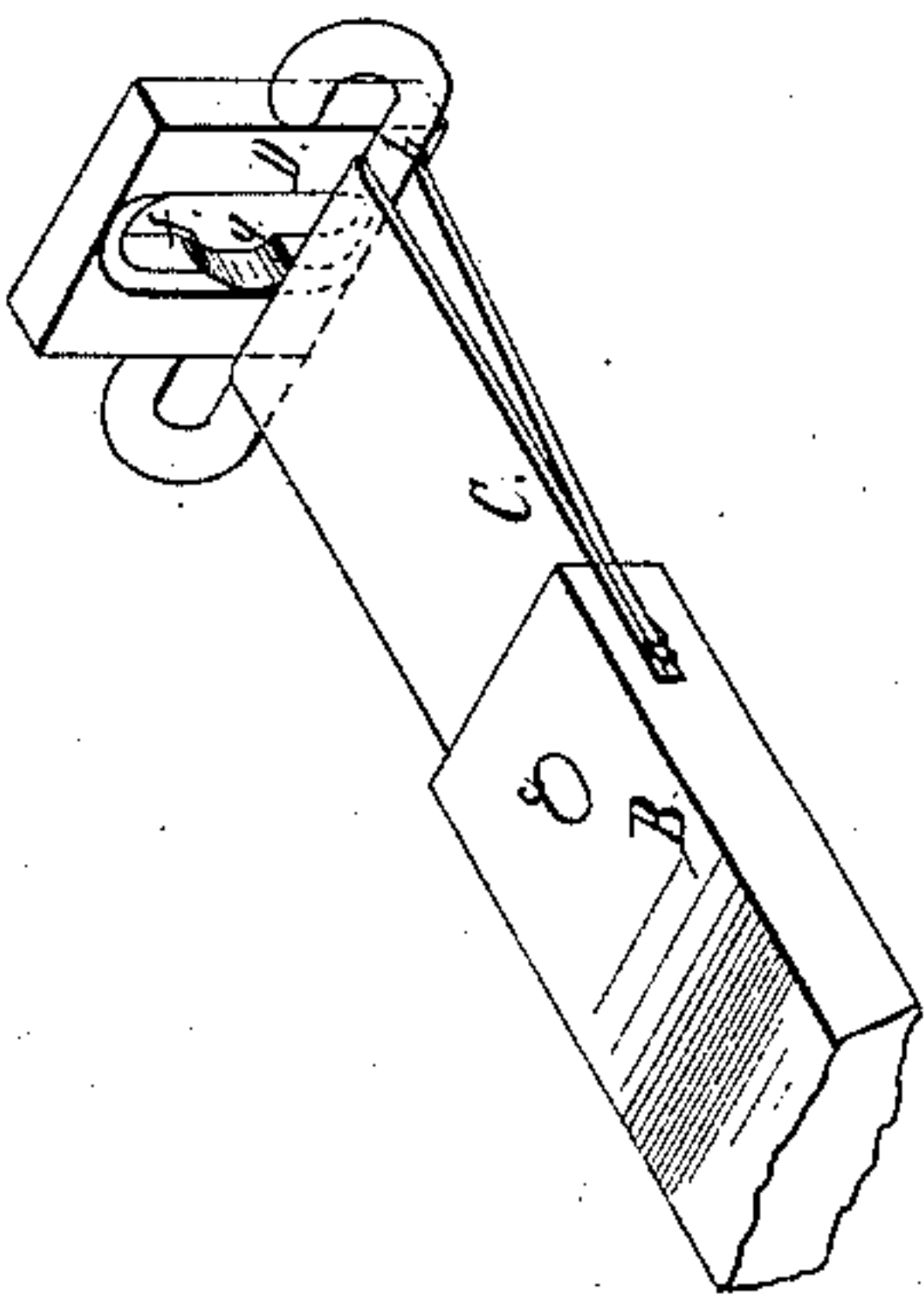
*N<sup>o</sup> 27,585.*

*Patented Mar. 20, 1860.*

*Fig. 1*



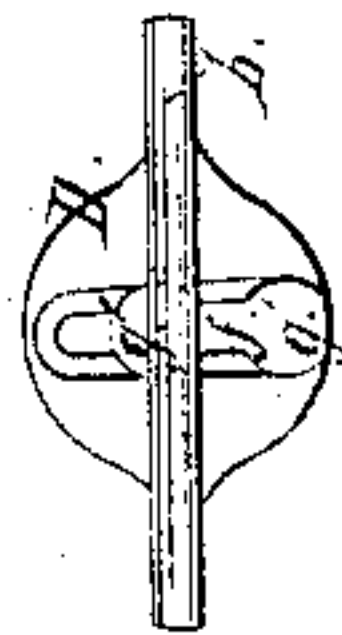
*Fig. 2*



*Fig. 3*



*Fig. 4*



*Witnesses;*

*S. Walker,*  
*A. C. Gale*

*Inventor;*

*Sylvanus Walker,*  
*per Attorney A. C. Gale.*

# UNITED STATES PATENT OFFICE.

SYLVENUS WALKER, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO HIMSELF AND SIDNEY S. HEMENWAY, OF SAME PLACE.

## BEDSTEAD.

Specification of Letters Patent No. 27,585, dated March 20, 1860.

*To all whom it may concern:*

Be it known that I, SYLVENUS WALKER, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in the Construction of Elastic Bedstead-Frames; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, making part of this specification, in which—

Figure 1, represents a plan of a bedstead constructed on my improved plan; Fig. 2, a perspective view of a portion of one of the bedstead slats, with its elastic strap and end fastening; Fig. 3, a plan of the end fastening or lock by means of which the slats are connected with the end or side rails of the bedstead. Fig. 4, represents the plan of a modification of the end fastening or lock.

My invention relates to a certain improvement in the manner of constructing, arranging and connecting together the parts of a bedstead frame, whereby I am enabled to produce a superior elastic bedstead frame of a very light, simple and cheap construction, and which may be readily disconnected, and again easily and quickly connected and fitted together, whenever required.

To enable others skilled in the art to make, construct and use my invention I will now proceed to describe it in detail.

The rails, A, forming the outer frame of the bedstead, may be of any suitable material; and the slats, B, may be arranged either longitudinally or transversely in relation to the bedstead, as it shall be deemed most advisable. In the accompanying drawing the slats, B, are represented as running horizontally. They consist of flat pieces of wood, in the ends of which are formed horizontal slits, *a*, for the reception of the ends of elastic straps, C, which may be made of any suitable elastic fabric. The strap is first passed through a loop, *b*, of the end fastening or lock, D, and then its ends fastened together, by means of glue or otherwise, and inserted into the slit, *a*, when the whole is firmly secured together, by driving nails, *c*, through the ends of the slats, or in any other suitable manner. The end fastening or lock, D, consists of a metallic base, *d*,

from which extend the two curved ends or arms of the loop, *b*, which is so shaped as to present a straight front face, of a length equal to the width of the strap intended to pass over it. A narrow slot, *f*, running at right angles to the plane of the loop, is cut through the base plate, *d*. In the middle portion of the slot, a somewhat larger circular opening, *g*, is formed, to allow the head of a usual screw bolt to pass through it. The slats thus formed are ready to be connected to the rails of the bedstead; previous to which however, a number of screw bolts, E, are to be screwed in on the inner side of the end rails, corresponding to the number of slats.

From the foregoing description it will be readily perceived, how easily and quickly the proper securing of the slats to the rails may be effected. It is only necessary to make the end fastenings engage with the corresponding screw bolts, by placing the circular opening, *g*, over the head of the screw bolt, and allowing then the lock to depress a little so that its narrow slot should engage with the shank of the screw bolt. This manner of connecting the slats, allows also to reverse any slat, which might become too much sprung or bent downward by the pressure upon its upper side, without the necessity of disconnecting it in any way from the side or end rails.

A lock of a modified construction is represented in Fig. 4; instead of one circular opening as before described, there are two such openings *g'*, *g'*, one arranged at the lower end of the slot, and the other somewhat above. This kind of lock may be used with one or two screwbolts; in the latter case the lock will have more stability, any side vibration being prevented by the second screwbolt.

Having thus described my improvement in elastic bedsteads, I claim—

The end fastenings D, as constructed and arranged for the purposes set forth.

In testimony whereof I hereunto set my hand.

SYLVENUS WALKER.

Witnesses:

JOHN J. PRESCOTT,  
WM. P. SPENCE.