

(No Model.)

J. C. McMURRAY.

SAFETY ATTACHMENT FOR BEDS AND BERTHS.

No. 329,663.

Patented Nov. 3, 1885.

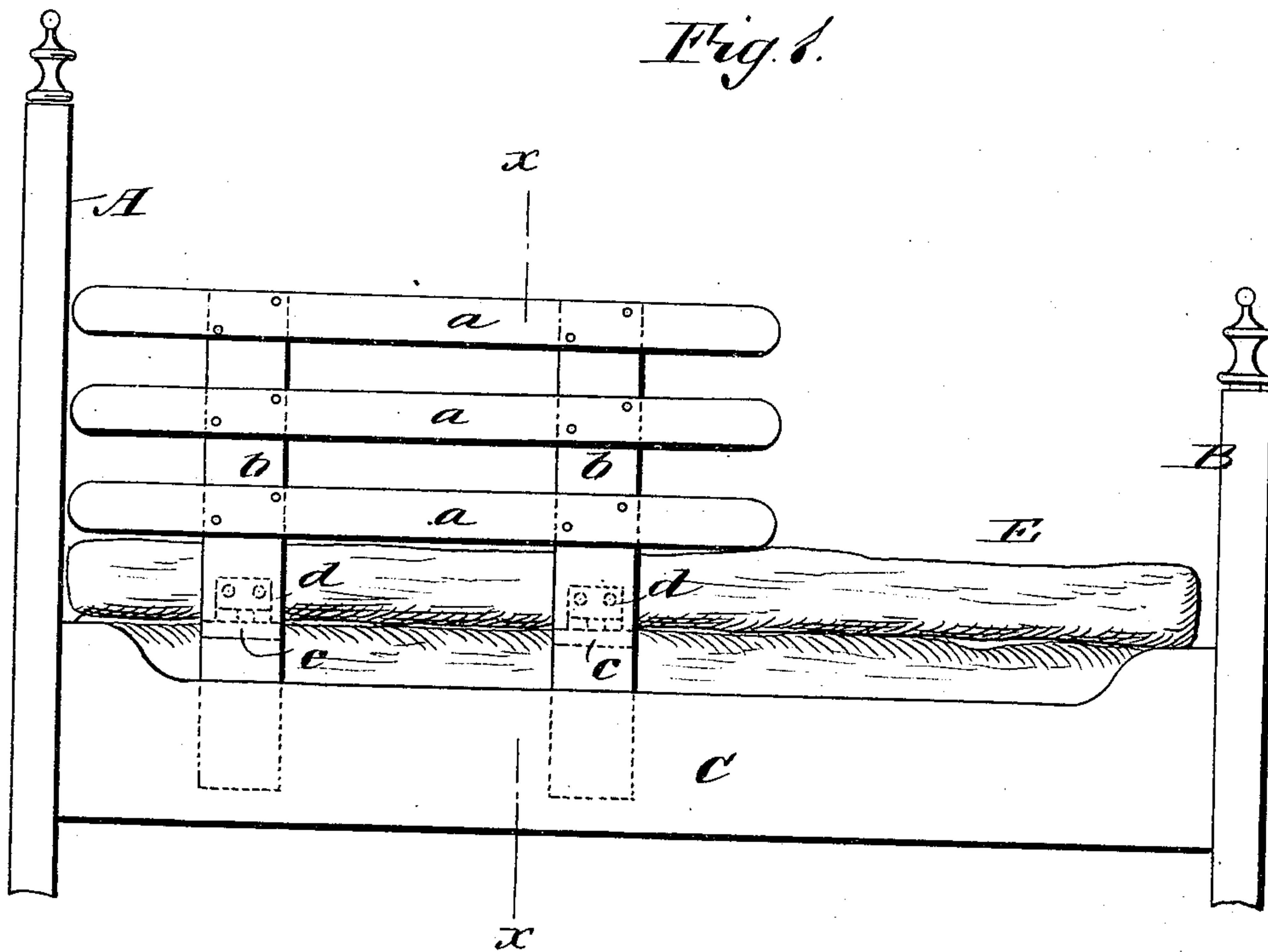


Fig. 2

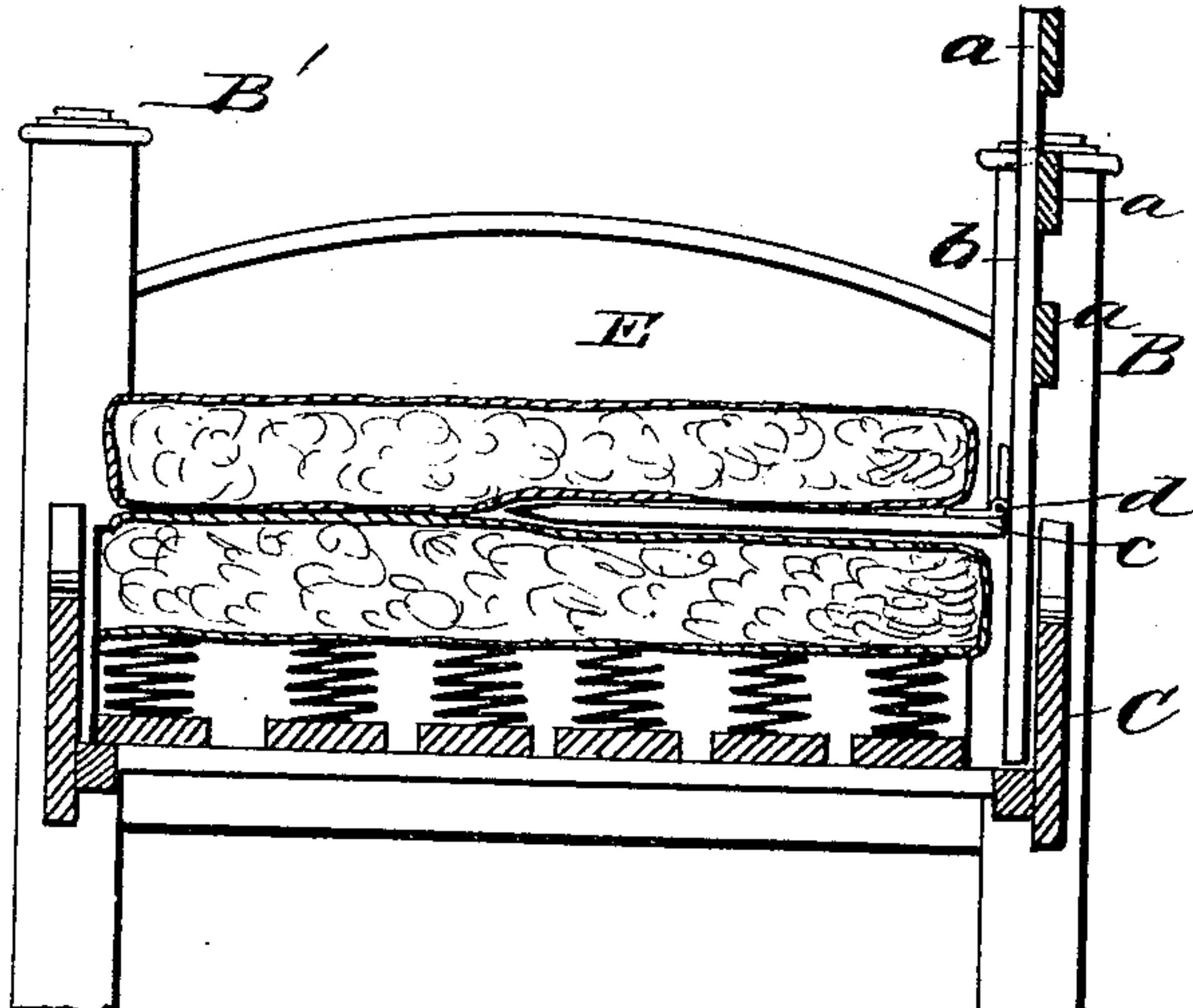
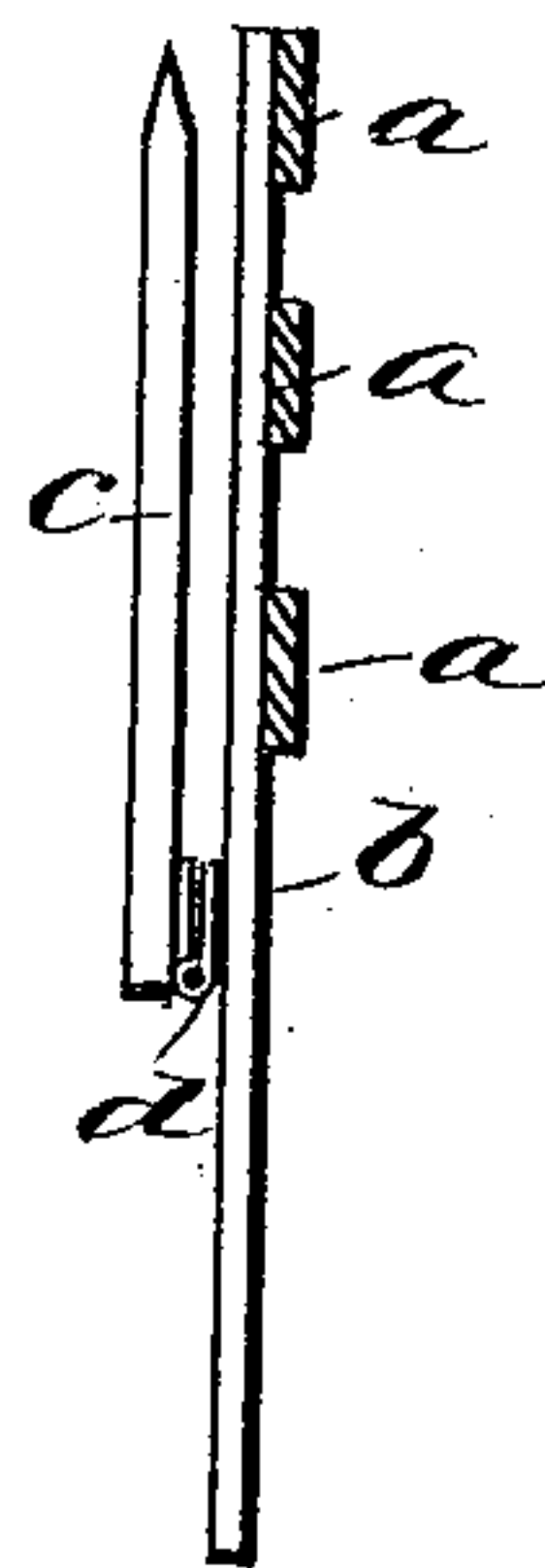


Fig. 3



WITNESSES:

J. M. Ardle.
C. Sedgwick

INVENTOR:

J. C. McMurray
BY *Munn & Co.*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN C. McMURRAY, OF BROOKLYN, NEW YORK.

SAFETY ATTACHMENT FOR BEDS AND BERTHS.

SPECIFICATION forming part of Letters Patent No. 329,663, dated November 3, 1885.

Application filed July 16, 1885. Serial No. 171,820. (No model.)

To all whom it may concern:

Be it known that I, JOHN C. McMURRAY, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Safety Attachment for Beds or Berths, of which the following is a full, clear, and exact description.

The object of my invention is to provide an attachment for use in connection with beds of the usual ordinary form, or in connection with berths such as are provided on ships and sleeping-cars, whereby the occupant of the bed or berth to which the attachment is applied will be prevented from falling out of said bed or berth, said attachment being so constructed that when not in use it can be folded up and stowed away between the mattresses.

The invention consists in certain details of construction and combinations of parts, to be hereinafter described, and specifically pointed out in the claims.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 represents the safety attachment as applied to a bed of ordinary form. Fig. 2 is a sectional view of the same on line *xx* of Fig. 1, and Fig. 3 is a sectional view of the attachment, representing it as folded up and in shape to be stowed away.

In the drawings presented herewith my invention is shown as being applied to an ordinary bed; but I wish it to be distinctly understood that the invention is applicable to other forms of beds or to sleeping-berths of any kind, the present form of illustration having been adopted because of its greater simplicity.

A represents one of the posts of the head-board, and B B' represent the posts of the foot-board. Between the posts A and B the side board, C, is secured in any of the well-known ways.

The safety attachment consists of one, two, three, or any other convenient number of horizontal bars or slats, *a a*, which are securely attached to two upright strips, *b b*. Two folding arms, *c c*, are hinged to the uprights *b b* by hinges *d d*, said hinges being affixed to the uprights at a point considerably above their

lower ends, as is clearly shown in all the figures of the drawings.

In order to prevent the arms *c c* from falling below a position at right angles to the uprights *b b*, they are so attached to the hinges *d d* that their ends will abut against the said uprights, as is best shown in Fig. 2.

In placing my attachment in position for use the lower ends of the uprights *b b* are placed inside of the side board, C, and the upper mattress, E, is turned back to permit the folding arms *c c* to be placed, as shown in Fig. 2, beneath the said mattress. By so disposing the attachment it will be securely held in place, and if the occupant of the bed should roll to the other side of the bed, where it will of course be understood that the attachment is applied, his weight would only add to the security of the attachment, which would effectually stop any continued outward rolling of the occupant and prevent a fall from the bed.

This invention is particularly applicable for use in beds that are occupied by children, and upon the upper berths of sleeping-cars or ships, and has heretofore been used with most satisfactory and beneficial results.

Although I have described two folding arms, *c c*, as being applied to my safety attachment, a single longitudinal folding strip could be employed without departing from the spirit of my invention; and although I have illustrated my attachment as applied to a bed provided with two mattresses, it will of course be understood that a bed with but a single mattress could readily be supplied therewith, as in the supposed case the arms *c c* of the attachment would be placed directly above the springs, or directly above the slats of the bed or berth.

When not in use, the safety attachment is folded to the position shown in Fig. 3, and stowed away beneath the mattress E, where it will be out of sight and not take up any available room.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A removable safety attachment for beds, consisting of longitudinal bars or slats *a*, uprights *b*, connecting said bars or strips, and a flat horizontal arm, *c*, at right angles to the

inner sides of the uprights, and adapted to be passed under a mattress to hold the uprights in a vertical position, substantially as set forth.

2. A removable safety attachment for beds, consisting of longitudinal slats *a*, uprights *b*, connecting said slats and projecting below the lower slat, and the horizontal arms *c*, hinged to the inner faces of the uprights, above their lower ends, and adapted to be passed under a mattress, the lower ends of the uprights being adapted to fit between the side bar of a bed and the outer edge of a mattress, substantially as set forth.

3. A removable safety attachment for beds, consisting of the longitudinal slats *a*, the uprights *b*, connecting the slats and projecting below the same, the horizontal folding arms *c*, adapted to rest under a mattress, and the

hinges *d*, connected to the inner faces of the uprights, above their ends, and to the upper sides of the adjacent ends of the arms *c*, whereby the ends of the arms *c* will form abutments or stops for the uprights to hold them vertical, substantially as set forth.

4. The combination, with the bed or berth and its mattress, of the longitudinal slats *a*, the uprights *b*, having their lower ends placed between the side bar and mattress, and the folding arms *c* above the lower ends of the uprights and extending at right angles thereto under the mattress, substantially as set forth.

JOHN C. McMURRAY.

Witnesses:

EDWARD KENT, Jr.,
C. SEDGWICK.