

(No Model.)

H. A. THAYER.

FOLDING BED.

No. 265,891.

Patented Oct. 10, 1882.

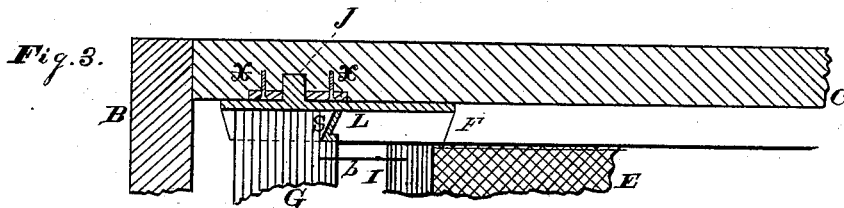
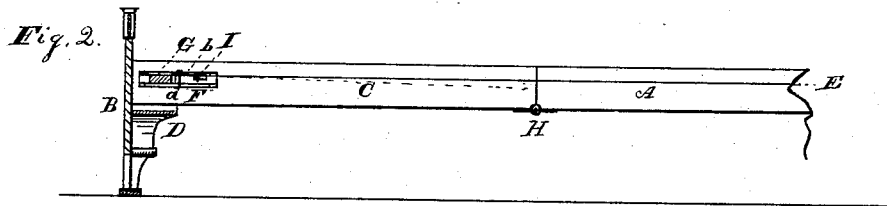
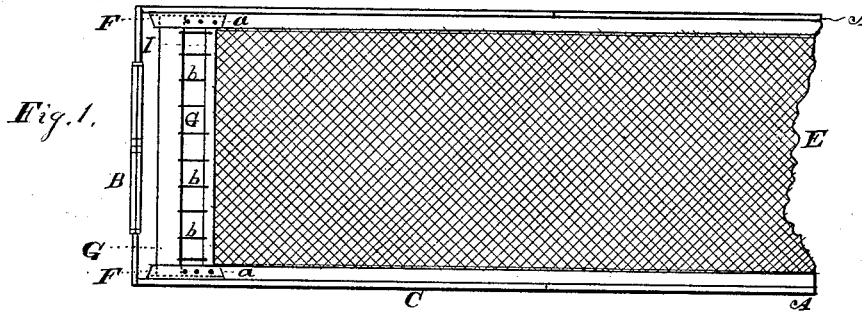
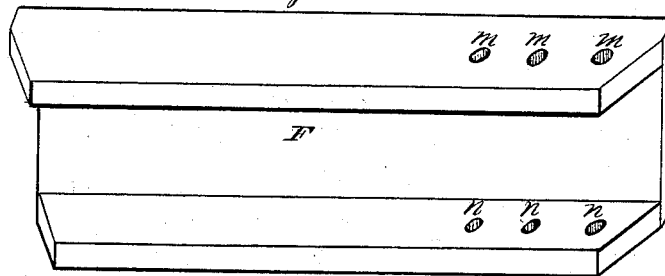


Fig. 4.



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UNITED STATES PATENT OFFICE.

HENRY A. THAYER, OF CHICAGO, ILLINOIS.

FOLDING BED.

SPECIFICATION forming part of Letters Patent No. 265,891, dated October 10, 1882.

Application filed April 15, 1882. (No model.)

To all whom it may concern:

Be it known that I, HENRY A. THAYER, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Folding Beds, of which the following is a specification, reference being had to the accompanying drawings, illustrating the invention, in which—

Figure 1 is a top or plan view of the folding end of a folding bed embodying my invention and improvement; Fig. 2, a longitudinal sectional elevation thereof; Fig. 3, an enlarged horizontal section through Fig. 2 on line *z z*; Fig. 4, a perspective representation of the adjustable rail-support detached from the bedstead-frame, and full size.

The nature of the present invention consists of recessed plates which are respectively provided with a pivot, by means of which they are secured to the insides of the bed-frame rails. The faces of the rail-supports are recessed out longitudinally, that the ends of the end rails may have proper bearing and be adjusted therein to give to the mattress a greater or less tension, as may be required.

The device is illustrated as used in combination with a folding bed; but it can be attached by the pivots to an ordinary bed-frame or mattress-frame to serve equally as good a purpose.

In folding beds it is largely customary to attach the end rails to the head and foot boards; but it is found that the mattress in tension bends the rails and foot and head boards, to the injury of the frame and beauty of the bed. By the use of my device these objections are obviated, while at the same time the pivots permit the supports so to turn as to incline with the depression of the mattress, as is hereinafter fully shown and described.

In the drawings, A C represent the rails, B the foot-board, and I E the mattress, of an ordinary folding bed.

F F represent the adjustable rail-supports, which are made of any suitable metal, and their inner faces are recessed out longitudinally, and in the margins of the recesses are formed a series of holes, *m n*, through which, of any set, pins or bolts may be put to hold the end rails, G, in place as against the strain of the mattress I E. As shown at Fig. 3, the supports F are provided with pivots J, which have bearings in the rails C, which bearings and pivots form sufficient retaining-supports for the parts F, inasmuch as the rails G prevent the pivots from being loosened from the rails C, and the pivots permit the supports F at their inner ends to be depressed on a line corresponding to the line of depression which the mattress I E may have by means of the weight of a person thereon. The edges of the rails G at their ends are shod with metal plates S to prevent the wearing of the wood. For the more durable beds socket-plates and screws *x x* may be attached to the rails C to give to the pivots J firmer bearings.

b b, &c., represent the ordinary hooks by means of which the mattress is attached to the rails.

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

The recessed plates F, each provided with a pivot on its rear side, and perforations *m n*, in combination with the rails C and G, operating in the manner and for the purpose specified.

HENRY A. THAYER.

Witnesses:

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