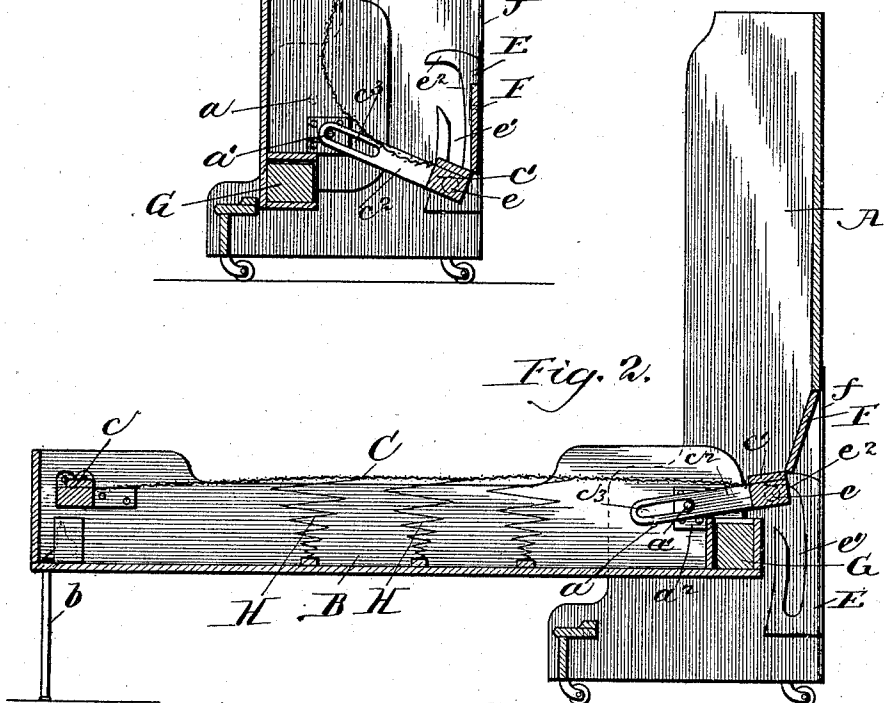
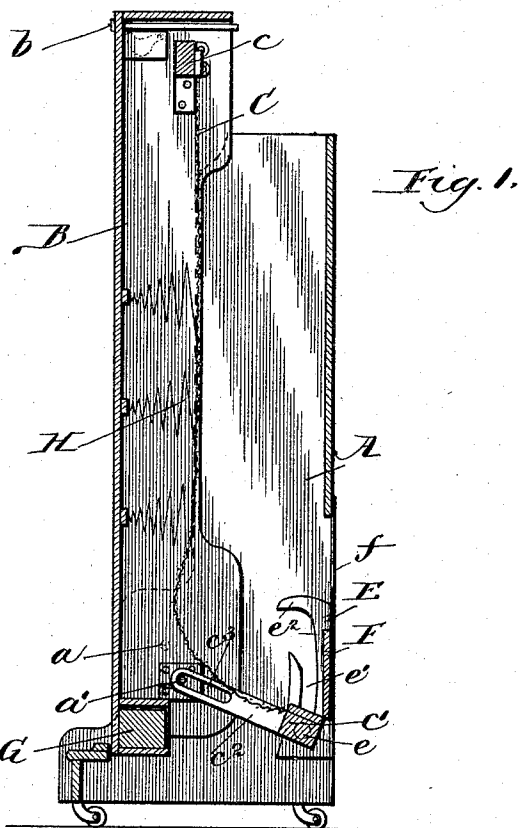


(No Model.)

W. D. SNYDER.
WARDROBE BEDSTEAD.

No. 474,869.

Patented May 17, 1892.



Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM D. SYNDER, OF CHICAGO, ILLINOIS.

WARDROBE-BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 474,869, dated May 17, 1892.

Application filed April 3, 1891. Serial No. 387,559. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM D. SNYDER, of Chicago, in the State of Illinois, have invented certain new and useful Improvements in Folding Bedsteads, of which the following is a specification.

My invention relates to folding bedsteads in which a coil-wire or elastic bed-bottom is used in conjunction with the bed-frame and adapted to be drawn taut and slackened by the operation of opening and closing the bed; and the object of my improvement is to simplify and better the connection of such bed-bottom with the head end of the bed-frame for supporting and operating the same in the manner above indicated. This object I have attained in the bedstead constructed as illustrated in the accompanying drawings, in which—

Figure 1 is a central section of a closed bedstead of the class mentioned containing my invention. Fig. 2 is a like view of the same open.

In the drawings, A designates the standard, and B the bed-frame. The bed-frame is pivoted to the standard at *a* in an ordinary way and has automatic foot-legs *b*. C is the elastic bed-bottom, which is secured at the foot end to a rail *c*, made fast at each of its ends to the side rails of the bed-frame, and at the head end to a rail *c'*, which is provided with an end piece *c²*, secured to each end of it and adapted to come on the inside of the side rails of the bed-frame. The said side rails are provided on each side of the bed with a pin *a'*, secured by means of a plate *a²*, integral with said pin and attached to said side rails by screws. The pieces *c²* are provided with a slot *c³*, by which they are loosely connected with the bed-frame by the engagement of said slots over the pins *a'*. The ends of the rails *c'* are provided with a pin *e*, projecting from said ends and adapted to enter and play in a slot *e'* in a board or plate E, attached to each side of the standard, the slot being open at one side at the top. When the bed is closed, these pins *e* drop down to the bottom of said slots *e'*, and when the bed is opened they rise therein until they strike stop *e²*, formed by a short curve at the top of said slots *e'* and about on a level with

the bed-bottom C when let down to the horizontal. The bed-frame stops in horizontal position before the pieces *c²* and bed-bottom have passed the center of motion, so that the pull of the bed-bottom will hold rail *c'* up against stop *e²* under the weight of the occupant while the bed is open. The pillow-board F is hinged to the rails *c'* and has its top edge rested against stops *f*, secured to the side boards of the standard. A counterpoise G is provided for balancing the bed-frame, and springs H are adapted to support the central portion of the bed-bottom.

The connection of the bed-bottom with the head end of the bed-frame by means of the slotted end pieces of rails *c'*, engaging pins *a'* of the bed-frame, in conjunction with pins *e* of said rail, engaging slots *e'* of the standard, operates as follows: When the bed-frame is upright, pins *a'* are at the outer ends of slots *c³*, and pins *e* rest in the bottom of slots *e'* and support rail *c'*. During the first part of the letting down the bed, pins *a'* travel toward the opposite ends of slots *c³* without raising rail *c'*. By this part of the movement the bed-bottom is straightened so as to exert thereafter a pull on said rail, which pull by the further movement raises said rail to the top of slots *e'* by sliding pins *e* upward therein. The movement thus far also brings pins *a'* to the inner ends of slots *c³*, and pins *a'* then carry the weight of rail *c'* and raise pins *e* against stops *e²*. On closing the bed the pins *e* enter the slots *e'* at the point where the pins *a'* begin to recede in slots *c³*, and where but for said slots said pins would begin to pull rail *c'* forward.

What I claim is—

1. In a wardrobe-bedstead, and in combination, the standard, the bed-frame pivoted to the standard, an elastic bed-bottom secured at the foot to a cross-rail *c*, attached to the bed-frame and at the head to a rail *c'*, pieces *c²*, attached at each end to the rail *c'* and provided with a slot *c³*, adapted to engage pins *a'*, secured to the side rails of the bed-frame, pins *e*, projecting from the ends of said rail *c'*, and plates E, provided with slots *e'*, secured to the sides of the standard, all arranged, as shown, relatively to one another.

2. In a folding bed of the class described, the combination, with the bed-frame, of the rail c' , provided with end pieces c^2 , having slots c^3 , engaging over pins on the side rails, and an elastic bed-bottom connected to the bed-frame and to said rail c' , and a stop on the standard adapted to check the motion of
- 5 the end pieces c^2 for stretching the bed-bottom and holding it in place while the bed is open, substantially as specified.

WILLIAM D. SNYDER.

Witnesses:

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