

M. CROSBY.
WARDROBE-BEDSTEAD.

No. 189,303.

Patented April 10, 1877.

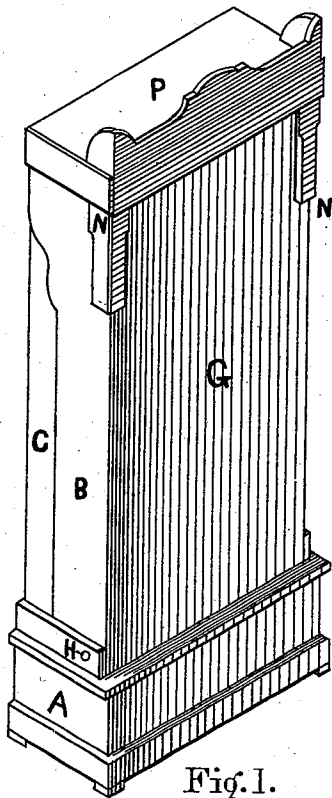


Fig. 1.

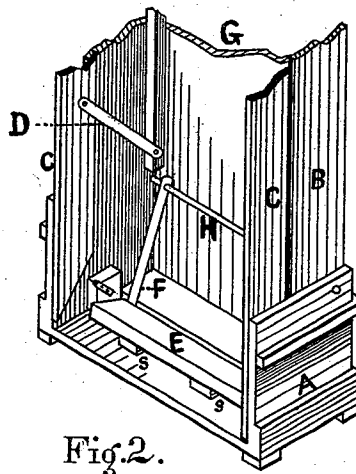


Fig. 2.

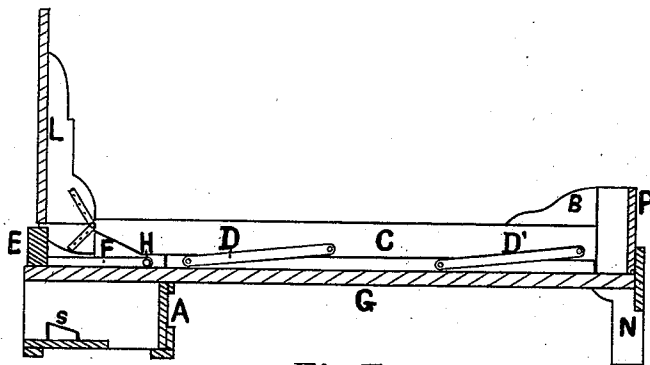


Fig. 3.

Witnesses.

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MARK CROSBY, OF WAKEFIELD, MASSACHUSETTS.

IMPROVEMENT IN WARDROBE-BEDSTEADS.

Specification forming part of Letters Patent No. **189,303**, dated April 10, 1877; application filed January 22, 1877.

To all whom it may concern:

Be it known that I, MARK CROSBY, of Wakefield, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Parlor-Beds, of which the following is a specification:

The object of my invention is to provide a cheap, simple, and convenient means to balance the weight of the bed when it is being turned up or down, and remove the strain from the case inclosing the same; and it consists of a hinged or pivoted metal or other suitable weight, so connected to the case by arms as to allow such weight to have a bearing-support upon blocks or yielding cushions that will receive the force of the momentum of the weight when suddenly brought to a stop, as in the act of closing up the case, allowing the weight to move downward; also, in automatic side pieces, which are connected to the bed frame or case by pivoted arms, which allow the automatic side pieces to move obliquely downward when the bed is in an upright position, thereby serving to cover the edge of the mattress from view; and when the case is turned down ready for occupancy the automatic side pieces recede back or downward obliquely, to allow free access to the bed, as hereinafter more fully described.

Figure 1 is a perspective view of my invention in a closed position. Fig. 2 is a similar view of the rear side of the same with top broken away. Fig. 3 is a transverse central section of the same when turned down.

A represents the base, to which is hinged the side pieces of the case B, which form the sides of the bed-frame when turned down. To these side pieces B are connected the automatic-adjusting side pieces C by means of arms D D', which are pivoted at one end to the pieces C, and at the other end to the side pieces B, as shown in Figs. 2 and 3.

It will be seen that when the case is turned up, as shown in Figs. 1 and 2, the side pieces C fall obliquely downward and backward, so as to fill the open space left at the rear of the side pieces B. This action serves to cover the edge of the mattress when in this posi-

tion; but when the case is turned down, as shown in Fig. 3, the automatic-adjusting side pieces C fall by their own weight, so as to rest within the case or side pieces B. This allows free access to the bed for recumbent or other purposes.

To balance the weight of the bed and case B C P G as it is turned up or down, a heavy weight, E, of cast-iron or other material, is used. This weight E is provided with arms F at each end. These arms F are hinged to the front piece G of the case or pivoted upon the rod H, which passes into holes in the base A, and through holes in the ends of the arms F, in which case the rod H serves a double purpose, which is a pivot or hinge for the bed-case to turn upon in being raised or lowered, as shown.

Now, in order to stop the momentum of the case and bed, in the act of turning it up to a vertical position, as shown, I provide stops or elastic cushions S S, with which the weight E comes in contact, so as to rest upon the same before the case and bed arrive at a vertical position. The arms F of the weight E, being hinged to the rod H, allow the further movement of the case and bed, after the movement of the weight E has been arrested by the stops S, thus greatly diminishing the concussion and strain of the case, which would otherwise ensue.

L is a hinged head-board, and N N are hinged corner-feet, which form an ornament to the case when closed up, as shown in Fig. 1, and supports for the foot end of the case and bed when turned down, as shown in Fig. 3, forming a French-pattern bedstead, which may be placed in a parlor for use as such, and in daytime, or when desired, turned up, as shown in Fig. 1, so as to inclose the bed from view.

Having thus described my invention, what I claim is—

1. In a parlor-bed, as above described, the automatic-adjusting side pieces C C, having hinged arms D D, in combination with the side pieces B B, all being constructed and arranged to operate substantially in the manner described, as and for the purposes set forth.

2. The combination of the hinged weight E, having arms F, with the stops S, whereby the movement of the said weight is arrested before the case B G P arrives at a vertical position, as and for the purposes set forth.

3. In combination with the hinged weight E, arms F, and rod H, the blocks or stops S

S, all being constructed and arranged to operate substantially in the manner described, as and for the purposes set forth.

MARK CROSBY.

Witnesses:

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