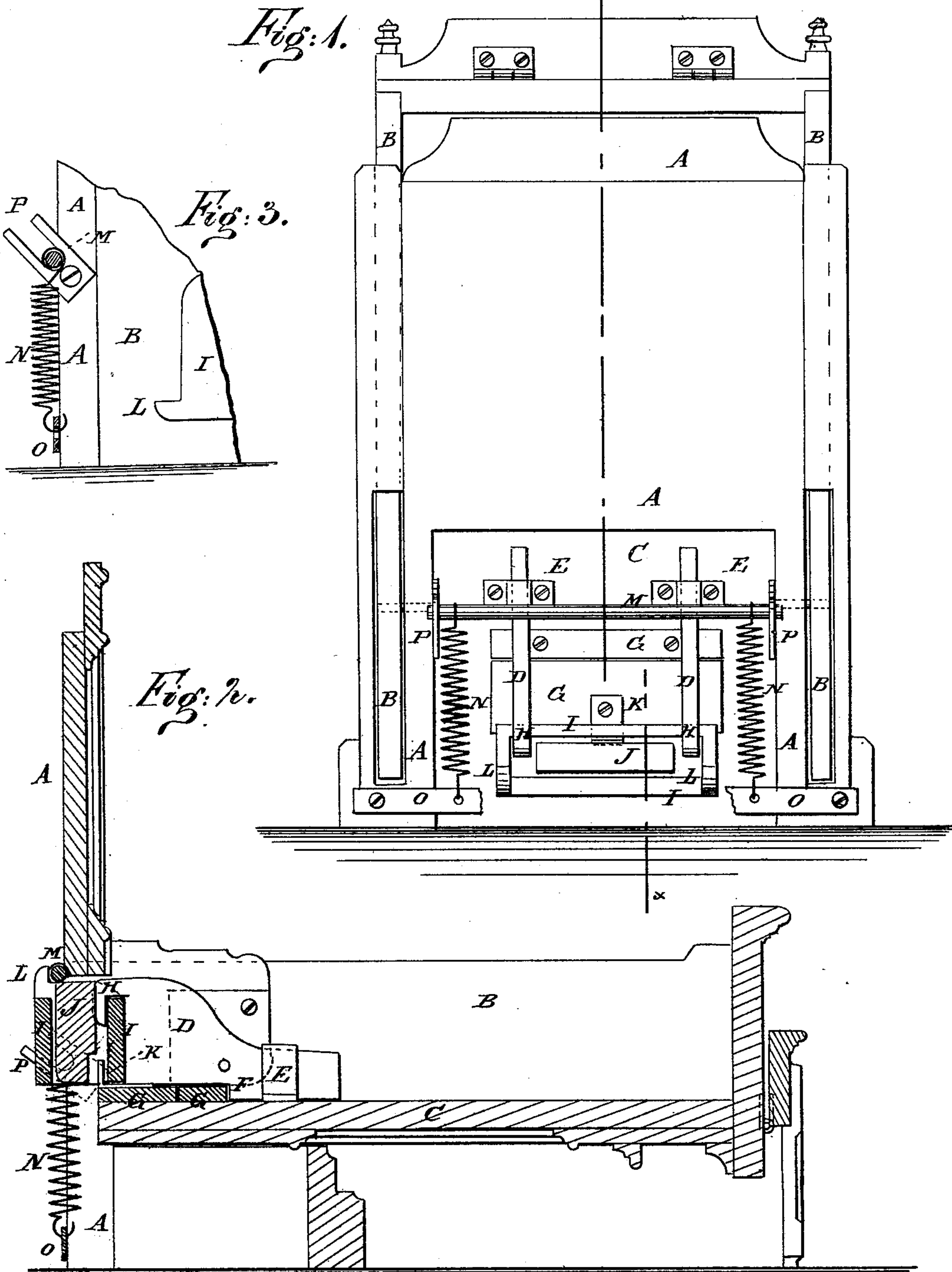


E. N. DORING.
Wardrobe Bedstead.

No. 233,484.

Patented Oct. 19, 1880.



WITNESSES:

Chas. Nida
C. Sudgwick

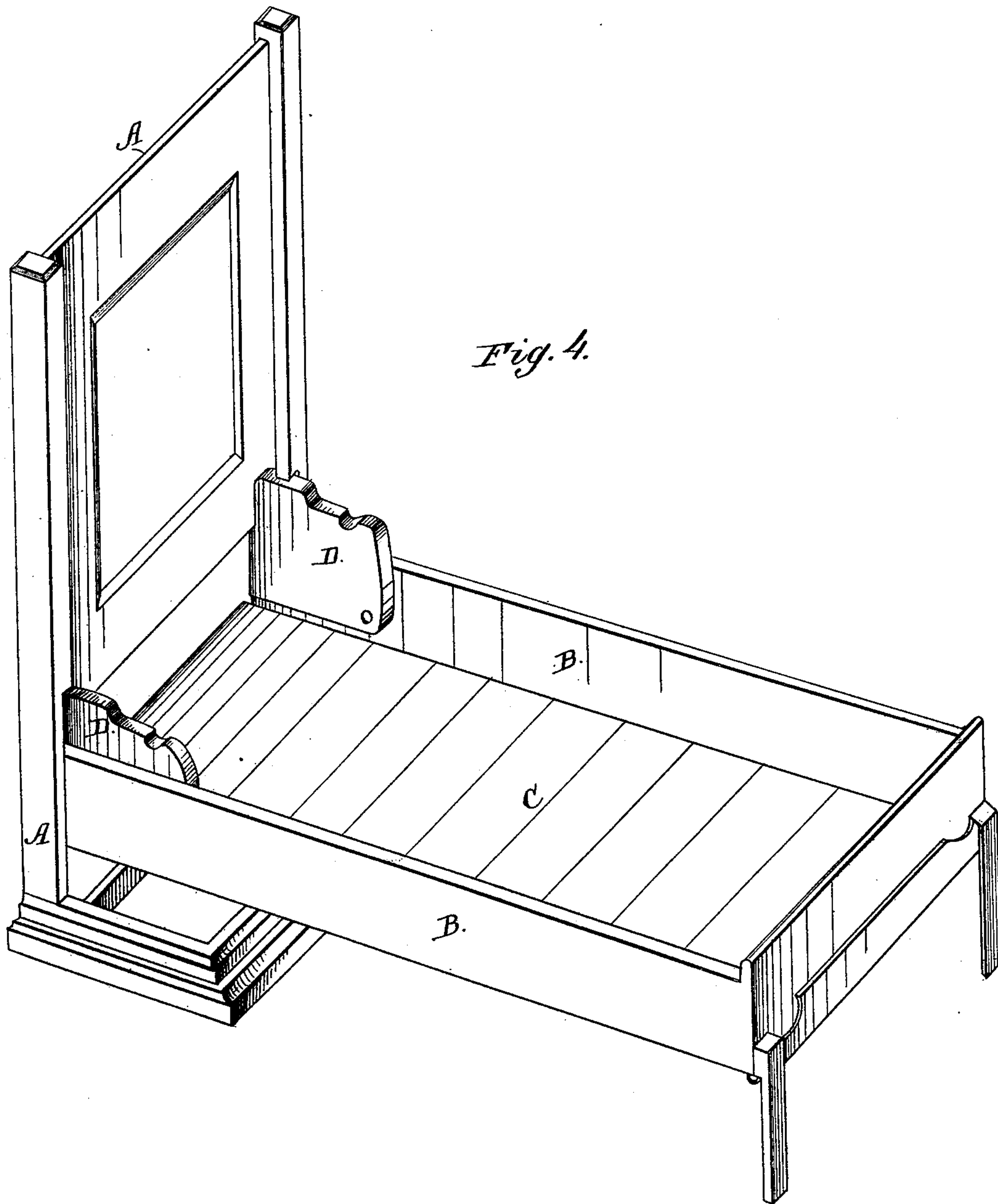
INVENTOR:

E. N. Doring
BY *Mum & Co*
ATTORNEYS.

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WITNESSES:

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INVENTOR:

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

ERNEST N. DORING, OF NEW YORK, N. Y.

WARDROBE-BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 233,484, dated October 19, 1880.

Application filed October 22, 1879.

To all whom it may concern:

Be it known that I, ERNEST N. DORING, of the city, county, and State of New York, have invented a new and useful Improvement in Wardrobe-Bedsteads, of which the following is a specification.

Figure 1 is a rear elevation of my improved wardrobe-bedstead in folded position. Fig. 2 is a sectional side elevation of the same unfolded for use, the section being taken on line *x x*, Fig. 1. Fig. 3 is a detail section. Fig. 4 is a perspective view of the bedstead unfolded for use.

The object of this invention is to furnish wardrobe-bedsteads so constructed that they will be very easily folded and unfolded.

My invention is an improvement in the class of wardrobe-bedsteads; and it consists in the construction and arrangement of the stationary and folding parts which adapt them to close together, and to the means for connecting them and balancing the folding part, as hereinafter described and claimed.

A represents the upright part, that forms the back of the wardrobe and the head-board of the bedstead.

B B are the sides, and C is the front, of the wardrobe or bottom of the bedstead, which parts receive the bed and are turned up and down, as required.

D are two heavy brackets, the forward ends of which are inserted in keepers E, attached to the front C. Upon the lower edges of the brackets D are formed shoulders F, to receive a board, G, attached to the front C to keep the said brackets D in place, and which also strengthens the said front.

Upon the outer ends of the brackets D are formed hooks H to hook upon the box I, that receives the block or weight J. The box I is further secured in place by a hook, K, attached to the board G, and which also serves as a stop to prevent the weight J from dropping through the box I.

Upon the rear corners of the weight-box I are formed hooks L, which, as the front C is lowered, hook upon the cross bar or rod M, and raise it against the tension of the spiral springs N. The upper ends of the spiral springs N are attached to the cross-bar M, and

their lower ends are attached to a cross-bar, O, or to some other suitable support. The cross-bar O is attached to the lower part of the head-board A.

If desired, the springs N may be replaced by equivalent weights suspended from the cross bar or rod M.

To the head-board A are attached two hooks or catches, P, to receive the cross bar or rod M and prevent it from being drawn down any farther by its springs or weights N.

With this construction, when the bed is being lowered, the hooks L engage with the cross bar or rod M, and thus take up the power of its springs or weights N to balance the increased weight as the bed approaches a horizontal position. As the bed is being raised the hooks or catches P receive the cross-bar M and take off the extra force when it is no longer needed.

By this improvement the amount of balancing-weight required to be permanently attached to the bed is very greatly reduced, the extra weight or resistance being taken up when required and taken off when no longer needed.

In Fig. 4 the brackets D are shown permanently attached to the back A of the wardrobe, while the sides B B of the frame are pivoted to their lower front corners, the catches, box, bar, springs, and other accessory devices shown in Figs. 1, 2, 3 being dispensed with.

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

1. The head-board having brackets attached thereto above the base, and slots between the brackets and the side molding of the head-board, in combination with the bed-frame, the inner ends of the sides of which are pivoted to the lower front corners of the brackets and move in the slots as the frame is moved upward and downward, as shown and described.

2. In a wardrobe-bedstead, the combination, with the weight-brackets D, the weight-box I, and the boards G, of the hooks H and K, substantially as herein shown and described, to hold the weight-box I in place, as set forth.

3. The combination, with the box I and

weight J, of the hook K, arranged on the board G to support the box and prevent the weight from falling through the box, as shown and described.

- 5 4. The combination, with a folding front B C, of a weight-box having corner-hooks L, the cross-bar M, springs N, and the head-board

A, provided with cross-bar O and catches P, as and for the purpose specified.

ERNEST N. DORING.

Witnesses:

JAMES T. GRAHAM,
C. SEDGWICK.