

(No Model.)

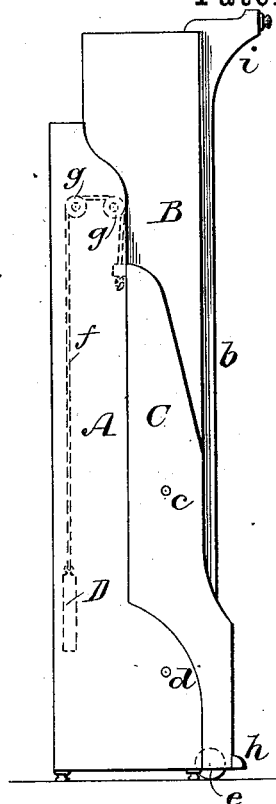
L. E. MORRISON.

FOLDING BEDSTEAD.

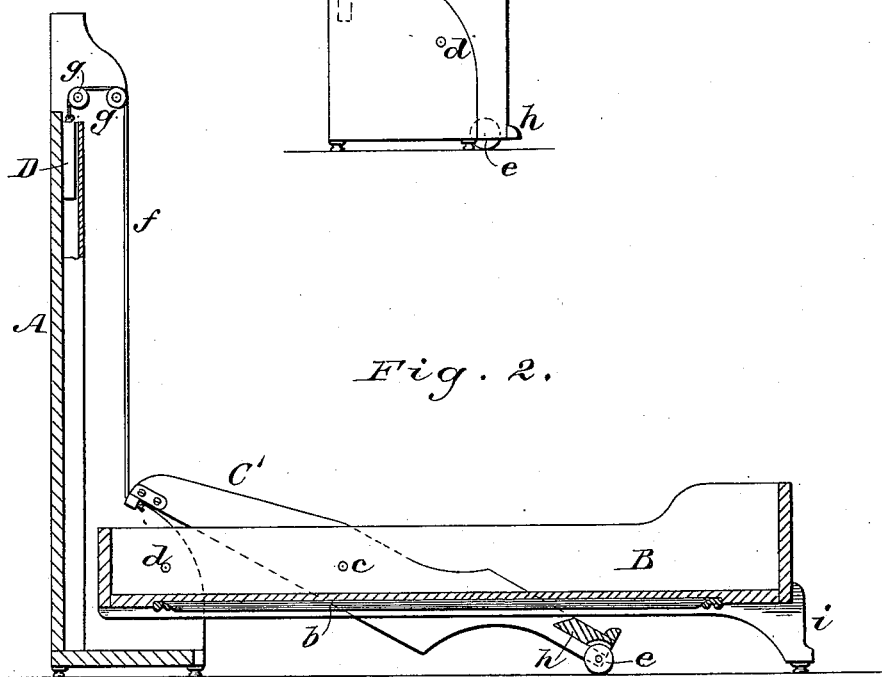
No. 342,756.

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*Fig. 1.*



*Fig. 2.*



WITNESSES:  
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# UNITED STATES PATENT OFFICE.

LEWIS E. MORRISON, OF NEW YORK, N. Y.

## FOLDING BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 342,756, dated May 25, 1886.

Application filed March 20, 1886. Serial No. 195,971. (No model.)

*To all whom it may concern:*

Be it known that I, LEWIS E. MORRISON, of the city, county, and State of New York, have invented a new and useful Improvement in Folding Bedsteads, of which the following is a full, clear, and exact description.

This invention relates to what are known as "upright" or "wardrobe" folding bedsteads—that is, bedsteads which when folded up occupy an upright position, and then resemble a wardrobe or other like piece of furniture.

The invention consists in a novel and advantageous system of balancing devices, including levers or pivoted legs applied to the body of the bedstead and connected with a counter-balance weight or weights in the upright portion or head of the bedstead, substantially as hereinafter described.

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

Figure 1 represents a side elevation of the bedstead closed, and Fig. 2 a vertical section of the same in direction of its length when open.

A indicates the upright portion or head of the bedstead, and B the body or bed part, which latter may be of ornamental construction, and, if desired, be provided with a mirror, *b*, as usual, upon its under surface, so that when closed up the whole structure will have the appearance of a closed wardrobe with an exposed mirror or mirrors in front. The ornamental character of the structure, however, may be varied at pleasure, and this applies both to the head part A and bed part or body B.

Pivoted to the sides of the body of the bedstead, as at *c*, although not necessarily exposed, as here shown, are what may be termed "auxiliary" legs or levers, C C', the pivots *c* being intermediate of the length of said legs and at a considerable distance from or in advance of the pivots *d*, connecting the parts A and B, and upon which the part B is hung and swings. These levers rest at their one end upon the floor of the apartment, and may be fitted with rollers *e*, to ride easily over the floor. They are connected at their opposite end by a rope or flexible connection, *f*, arranged to pass over

a pulley or pulleys, *g*, in the top of the upright part A, with a weight, D, which is free to rise and fall within the part A or pockets therein, and which forms the counter-balance of the body B. Usually a separate weight, D, will be applied to each lever C C', but not necessarily so, as the flexible connection or connections *f* might be made to carry a single weight, instead of dividing the counter-balance, which is immaterial. Both levers may be connected at their forward ends by a cross-bar, *h*, to make them work in unison.

The front portion of the body B is provided with main legs *i*, to free the mirror *b* or under surface of the body B from contact with the levers C C', and to give an advance support to the body. The levers C C' always resting at their one end upon the floor and connecting at their opposite ends with the counter-balance, and being pivoted to the body at a considerable distance from the pivots *d*, on which the body B swings, a very much lighter counter-balance will suffice to hold the body B in equilibrium than where the counter-balance connection is a direct one with the body near its supporting pivot, which is the usual construction, a powerful leverage for the action of the weight being secured under the improved construction here shown, as also a balancing action for the body of the bedstead during the raising and lowering of it, which makes it more convenient to handle.

The reduction in weight of the necessary counter-balance not only saves expense, but facilitates the handling and moving about of the whole structure, and when the bedstead is closed a much narrower base for the upright A suffices without any liability of the structure to topple over, the auxiliary legs or levers C C' then serving as an advance or outer support.

I am aware that folding bedsteads of the cabinet or wardrobe kind have been made in which the mattress-support or folding body part has been provided with pivoted legs controlled by a coiled spring having its one end attached to said mattress-support and its other end to the pivoted legs or pivot-rod connecting said legs. Such construction and combination of parts I neither use nor claim.

Having thus fully described my invention,

I claim as new and desire to secure by Letters Patent—

In an upright or wardrobe folding bedstead, the combination, with the upright or head part A and its hinged or pivoted body part B, of the auxiliary legs or levers C C', pivoted intermediately of their length to said body between the front and rear ends thereof, the

flexible connection or connections *f* and the weight or weights D, carried by the stationary upright or head part A, essentially as and for the purposes herein set forth.

LEWIS E. MORRISON.

Witnesses:

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