(No Model.) 2 Sheets—Sheet 1.

# R. F. MEISSNER.

## WARDROBE BEDSTEAD.

No. 270,327. Patented Jan. 9, 1883.

Fig. 1.

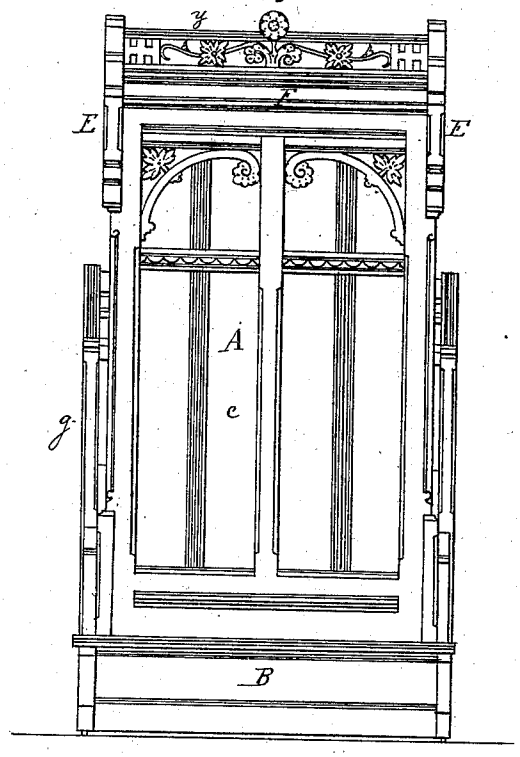



Fig. 2.

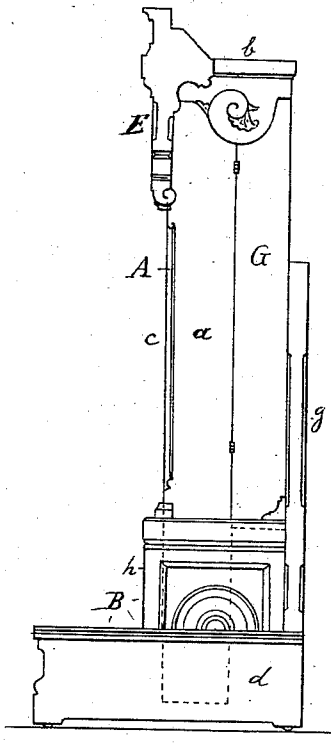
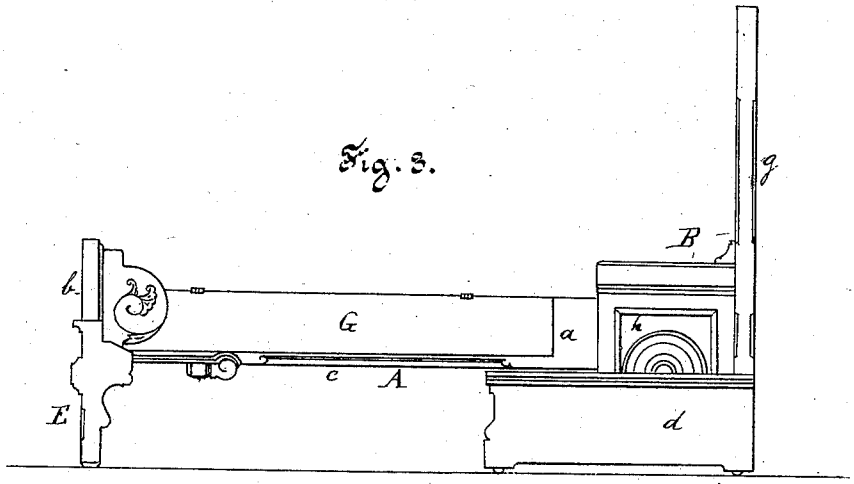



Fig. 3.




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Attorney.

N. PETERS. Photo-Lithographer, Washington, D. C.

(No Model.) 2 Sheets—Sheet 2.

# R. F. MEISSNER.

## WARDROBE BEDSTEAD.

No. 270,327. Patented Jan. 9, 1883.

Fig. 4.

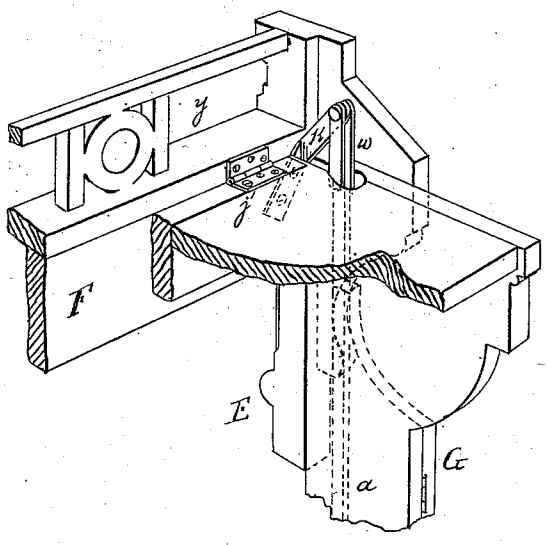



Fig. 5.

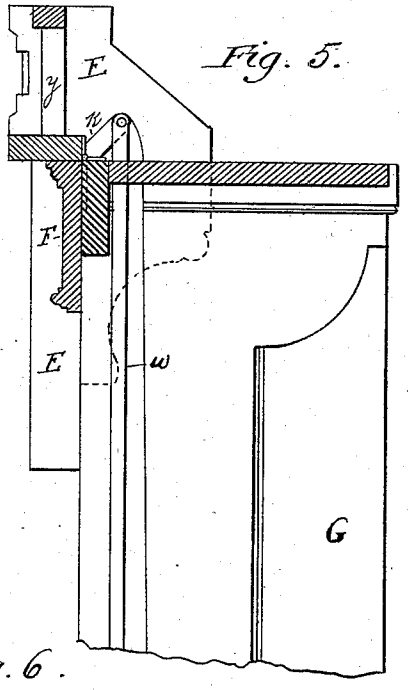



Fig. 6.

Fig. 9.

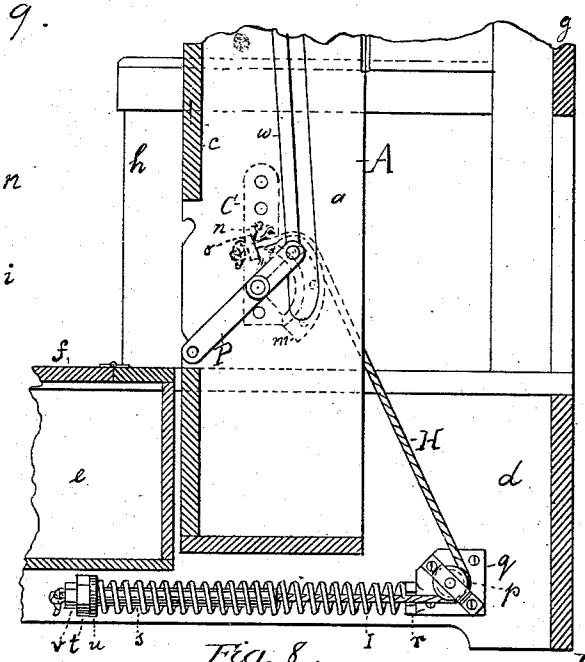



Fig. 7.

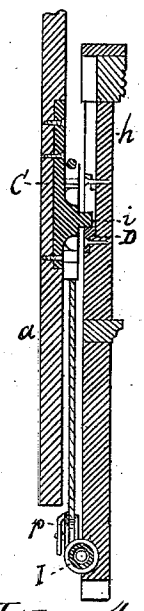



Fig. 10.

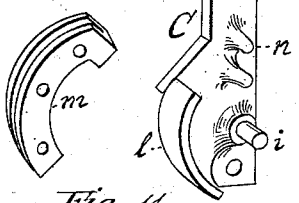


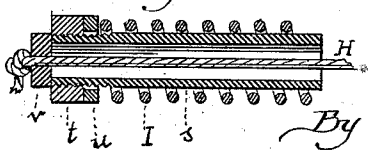

Fig. 11.




Fig. 12.




Fig. 8.




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# UNITED STATES PATENT OFFICE.

ROBERT F. MEISSNER, OF CHICAGO, ILLINOIS.

## WARDROBE-BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 270,327, dated January 9, 1883.

Application filed October 27, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, ROBERT F. MEISSNER, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Wardrobe-Bedsteads; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to bedsteads which, when folded, will simulate a wardrobe or book-case; and it consists of the novel devices and combinations of devices, hereinafter described and specifically claimed.

In the accompanying drawings, Figure 1 represents a front elevation of the bedstead when folded; Fig. 2, a side elevation of the same; Fig. 3, a side elevation of the bedstead when extended; Fig. 4, a perspective sectional rear view of the foot end of the bed-body while in its upright position; Fig. 5, a cross-section of the same; Fig. 6, a cross section of the head-box and bed-body, showing the counterbalancing-spring attachment; Fig. 7, a vertical section of one side of the head-box and bed-body and of the pivotal connection; Fig. 8, a longitudinal section through the end of the spiral spring; Fig. 9, a perspective view of one of the pivot-castings for the bed-body; Fig. 10, a perspective view of one of the segmental wooden bearings for the wire rope; Fig. 11, a perspective view of one of the slotted bearing-plates for the pivots; and Fig. 12 an elevation and section of the hook-bolts for holding laterally the knotted end of the wire ropes in the notched lugs of the pivot-plates.

Corresponding letters in the several figures of the drawings designate like parts.

A denotes the bed-body, consisting of two side boards, *a*, of foot-board *b*, and of bottom *c*, which latter is paneled, and finished to simulate the front of a wardrobe or book-case.

The head-box B consists of the socle *d*, the front end of which forms a box, *e*, with lid *f*, for storing bed-clothes, of the head-board *g*, and the two side boards, *h*.

Pivot-plates C are let into and secured against the rear ends of the side boards, *a*, of bed-body A, and horseshoe-shaped socket-plates D are let into and secured against the inward faces of the side boards, *h*, of head-box B, which boards *h* are vertically grooved in a manner that pivots *i* of plates C are guided into the socket-plates D while lowering the bed-body into the head-box to connect therewith.

The front legs, E, are formed angular, and are framed to the ends of a board, F, to be rigid therewith. This board F, by hinges *j*, is coupled to the lower edge of the foot-board *b* of the bed-body A in a manner that such board F will form a continuation of such foot-board while the bed is extended, with the upper ends of the angular legs E extending over the corners of the bed-body, and that the ornamental head-piece *y* to such board F will close flat against such foot-board *b*, but that when the bed-body is on its vertical position such board F will fold flat against the bed-bottom *c*, and, with the head-piece *y*, will form the cornice to the simulated wardrobe front, while the legs E will fold over the corners of the bed-body, and will form brackets or pilasters to such cornice. By this construction not only great strength and steadiness is insured to the folding legs, but also the appearance of the furniture is embellished in both its positions, whether folded or extended. An arm, K, to each leg, is connected by a bar, *w*, with the center of a lever, P, one end of which swings on a pin on the inside of sides *a* of the bed-body, the axis of which pin coincides with the axis of the pivots *i*, while its opposite end is pivotally connected to the side board, *h*, of the head-box B. By this arrangement the legs E will be folded automatically by the swinging of the bed-body, as already described in my former application.

Side wings, G, are secured by hinges to the upper edges of side boards, *a*, of the bed-body A, which, when such bed-body is swung to its upright position, will close the space between the side boards, *a*, and head-board *g*, and when the bed is extended they will fold exteriorly against the side boards, *a*.

Each plate C has a segmental flange, *l*, that is concentric with pivot *i*, and forms the seat for a wooden segment, *m*, which is grooved for the wire rope H, that rides upon it when lowering the bed-body, and above the pivot *i* the plate C is provided with an open loop, *n*, through which the knotted end of the wire rope

is passed, and where it is laterally held in position by a hook-bolt, *o*, which is passed through a hole in the side board, *a*, of bed-body A, and is secured by a nut. Both the pivot-plates C and wooden segments *m* are secured to the side boards, *a*, by either wood-screws or carriage-bolts. Each wire rope H is passed over a sheave, *p*, which is pivoted to a plate, *q*, that is secured interiorly against the sides of socle *d*, near the lower edge and in the rear end of the same. This plate *q* has lugs *r*, against which is seated one end of the spiral spring I. A piece of gas-pipe, *s*, is inserted into the opposite end of the spring I, and is screw-threaded on its end for a nut, *t*, which, with an intermediate rubber washer, *u*, forms a shoulder against the end of the spring. The wire rope H is passed through the spring I and through gas-pipe *s*, and thence through a collar, *v*, in or exteriorly of which the end of such rope is secured by a knot. The desired tension to the springs I can be adjusted by screwing the nut *t* more or less upon the gas-pipe, and the leverage of the pull to the bedstead can be varied by forming the wooden segments of more or less thickness. The springs I, by this arrangement, are placed longitudinally in the bottom of the socle *d* of head-box B, where they can be of the necessary length without coming in conflict with any part of the bedstead, and where they are entirely concealed. These springs are inserted into semi-cylindrical grooves, that are cut into the side boards of the socle *d*, and may be covered by semi-cylindrical cap-plates, in a manner to be guided therein.

What I claim is—

1. In a wardrobe-bedstead, the bed-body A, having plates C, with pivots *i*, in combination with the head-box B, having slotted or horse-shoe shaped bearing-plates D, and having grooves above such plates, substantially as and for the purpose set forth.

2. In a wardrobe-bedstead, the bed-body A, having pivotal plates C, with segmental flanges *l*, and lugs or loops *n* for securing ropes H, in combination with the head-box B, having pulley *p*, and longitudinally-placed spiral spring I, all substantially as and for the purpose set forth.

3. In a wardrobe-bedstead, the bed-body A, having pivotal plate C, with lugs or loops *n*, for securing ropes H, and with segmental flanges *l*, for segmental wooden pieces, *m*, in combination with head-box B, having pulley *p*, and longitudinally-placed spiral spring I, all substantially as and for the purpose set forth.

4. In a wardrobe-bedstead, in combination with the bed-body A, having pivotal plates C, of the wire ropes H, secured to such pivotal plates and passed over pulleys *p*, such pulleys *p* being pivoted on plates *q*, that are secured to the head-box B, and have shoulder-lugs *r* for coiled springs I, all substantially as and for the purpose set forth.

5. In a wardrobe-bedstead, the bed-body A, having pivotal plates C, and the head-box B, having plates *q*, with pulleys *p* and shoulder-lugs *r*, in combination with the wire ropes H, secured with one end to the bed-body A, thence passed over pulleys *p*, and through springs I, and through a gas-pipe, *s*, inserted into such spring I, and having adjusting screw-nuts *t*, all substantially as described and shown, and for the purpose specified.

In testimony that I claim the foregoing as my invention I affix my signature in presence of two witnesses.

ROBERT F. MEISSNER.

Witnesses:
LOUIS NOLTING,
R. G. SCHMID.