

(No Model.)

M. HALLHEIMER.  
FOLDING BED AND CLOSET.

No. 258,059.

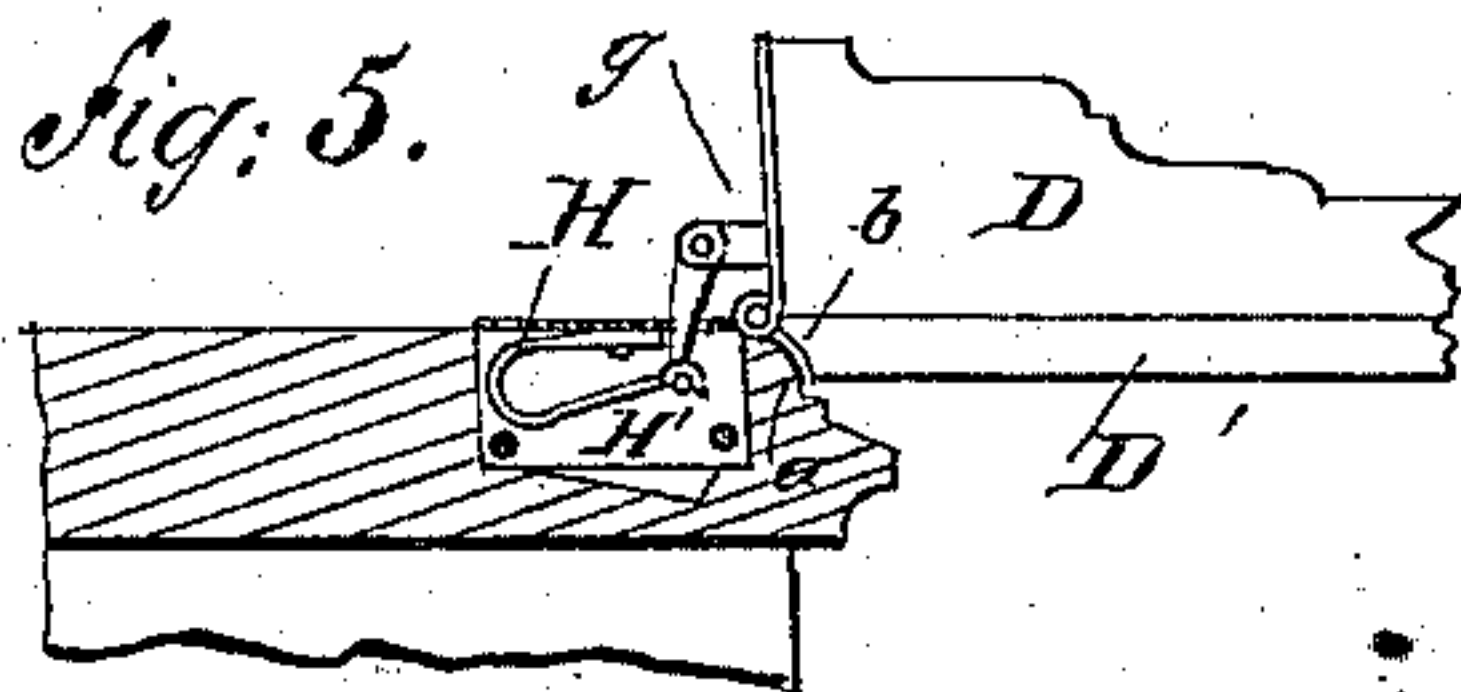
Patented May 16, 1882.



WITNESSES:

Chas Nida  
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Fig. 5.



INVENTOR:

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# UNITED STATES PATENT OFFICE.

MAX HALLHEIMER, OF BROOKLYN, NEW YORK.

## FOLDING BED AND CLOSET.

SPECIFICATION forming part of Letters Patent No. 258,059, dated May 16, 1882.

Application filed March 16, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, MAX HALLHEIMER, of the city of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Combined Folding Bed and Closet, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved piece of furniture combining a folding bedstead and a closet or wardrobe.

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

Figure 1 is a perspective view of my improved combined folding bed and closet, showing the bed folded. Fig. 2 is a longitudinal sectional elevation of the same, showing the bed lowered or in place. Fig. 3 is a sectional plan view of the same on the line *xx*, Fig. 2. Fig. 4 is a detail sectional plan view of one corner of the swinging foot-piece on the line *yy*, Fig. 2. Fig. 5 is a detail longitudinal sectional elevation of the base of the combined bed and closet, the bed being lowered or unfolded.

The box or closet A, resting on a base, B, is provided in its front with single or double folding doors B', either plain or ornamental, with wood or glass fillings, as may be desired. This closet is provided with a longitudinal partition, C, which divides the closet into a front and rear compartment, A' A<sup>2</sup>, which partition C extends from the top of the closet down to the bottom B<sup>2</sup> of the front compartment, A', which is about six inches above the bottom C' of the closet.

The side rails, D, of the bedstead are provided with inwardly-projecting bottom flanges, D', which are pivoted to the top of the base B at the ends of the same, so that when these side rails, D, are raised the flanges D' will rest against the front of the closet and the rails D will rest against the sides of the closet, as shown. The top of the base B is provided with a half-bead, *a*, and the end of the flange D' of the rail D is provided with a quadrant recess, *b*, which fits against the half-bead *a*. Two legs, E', are connected by a board or end plate, E<sup>2</sup>, which form a foot-piece, E, which legs E' are pivoted to the free ends of the side

rails, D'. This foot-piece E may be ornamented as may be desired. When the bed is folded the legs rest against the under surfaces of the flanges D' of the side rails and project from the top of the closet, and the end board, E<sup>2</sup>, forms an ornamental top for the closet, as shown.

Each side rail, D, is provided with a spring-catch, F, provided with a hooked end projecting from the free end of the rail, which catch is provided with a stud, *c*, projecting from the inner surface of the rail. The hooked end of the catch can be passed through a recessed plate, *d*, in the inner surface of the leg E'. The sides of the closet A are each provided at the upper front corner with a horizontal groove, G, open at the front end and terminating at the inner end in a deeper recess or aperture, *f*. When the side rails, D, are raised the studs *c* of the catches F pass through the grooves G into the recess *f*, and thus lock the side rails, D, in the raised position. A spring, H, of any desired construction, is contained in a recess, H', at each end of the base B, and has one end firmly secured to the base and the other end attached to a swinging or pivoted arm, *g*, attached to the end of the said rail D, which arm G fits into the recess, which springs assist in raising and lowering the side rails—that is, they partially counterbalance the momentum of these side rails.

The opening in the front of the closet, between the bottoms B<sup>2</sup> C', can be closed by a board, J, provided with one or more handles of any suitable construction on the outer or front side. The length of this board J is equal to the distance the inner surfaces of the rails D are separated from each other.

The mattress K is attached to and rests on a series of transverse strips, L, of the same length as the board J, which strips are connected by leather straps or bands on the top of the strips, below the mattress. One end of the mattress is attached to the inner surface of the end board, J, and to the other end of the mattress two or more bands or straps, M, are attached, which pass over a roller, N, journaled directly below the partition C, and from there pass over a roller, O, journaled in the top of the rear compartment, A<sup>2</sup>.

To the ends of the straps M a weight-block,



P, is attached, which extends transversely across the inner surface of the back P' of the closet, the ends of this weight-block passing under vertical flanged guide-strips Q on the inner surface of the back P' of the closet.

A latch, R, of any suitable construction, is pivoted to the inner surface of the foot-board E, and can be passed over the upper edge of the board J, to hold and lock the same against the foot board E when the mattress K is withdrawn.

The base B contains a front or side drawer, S, for containing the pillow S' and the bed-clothes.

A check-block, T, is secured on the top of the closet to prevent folding the foot-piece E when the rails D are raised.

If the front compartment, A', is to be used as a wardrobe, it is to be provided with suitable hooks. I prefer to provide a series of sliding hooks, k, suspended from a rod, l, suspended from the top of the closet by rods m.

The front compartment, A', can be arranged for use as a wardrobe, bureau, book-case, china-closet, closet for linen or bed-clothing, &c.

The length of the mattress K must be equal to the length of the side rails, D. When the rails D are raised—that is, when the bed is folded—the outer surfaces of the flanges D' will be visible on the front of the closet and form projecting end rails, which give the closet a very elegant finish.

In place of the weight, a spring-roller may be used, if desired.

The operation is as follows: Fig. 1 shows the bed folded. To lower or unfold the bed for use, the outer or upper ends of the side rails, D, are swung downward and the upper parts of the legs E' are folded against the outer ends of the rails D, and are locked in this position by the spring-catches F, which catch on the apertured plates d in the legs. The outer ends of the rails D will then be supported by the legs E', as shown in Fig. 2. The board J is then drawn outward until it rests against the foot-board E, and is locked to the same by means of the latch R. If the bed is to be folded, the board J is unlocked from the foot-board E and is pushed back into its opening, whereby the mattress will be pushed into the compartment A<sup>2</sup>, in which it is raised by the weight-block P, which descends in its guides Q. The

slats or rails L support the mattress and permit the same to bend over the roller N.

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

1. The combination, with the closet A, having a rear compartment, A<sup>2</sup>, extending under the bottom of compartment A', of the flexibly-connected strips L, carrying a mattress, the end weighted straps, M, and the pulleys N O, as and for the purpose described.

2. The combination, with the closet A and the base B, having curved bead a, of the side rail, D, having the inwardly-projecting flanges D' pivoted to the top front edge of base B, and having the curved recess b, whereby the flanges can be made to rest against the front and the rails against the sides of closet, as described.

3. The combination, with each side rail and closet A, of the spring-catch hook F, having stud c passing through a plate on rail D and into a closet-groove, g, terminating in a deeper recess, f, as and for the purpose set forth.

4. The combination, with the base B, having recess H', and the rails D, of the swinging arms g and the springs H, arranged in said recess, whereby the side rails are partially counterbalanced, as described.

5. The combination, with the closet A, provided with front and rear compartments, A' A<sup>2</sup>, of the hinged bedstead side rails, D, the sliding mattress K L, the straps M, the weight-block P, and the guides Q, substantially as herein shown and described, and for the purpose set forth.

6. The combination, with the closet A, of the hinged bedstead side rails, D, the foot-piece E, hinged to the same, the sliding mattress K L, the foot-board J, attached to one end of the same and adapted to close the opening through which the mattress slides into the closet, and the latch R on the foot-piece E, for locking the board J to this foot-piece when the mattress is withdrawn, substantially as herein shown and described, and for the purpose set forth.

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Witnesses:

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