

H. OGBORN.
Wardrobe-Bedstead.

No. 201,282.

Patented March 12, 1878.

Fig. 1.

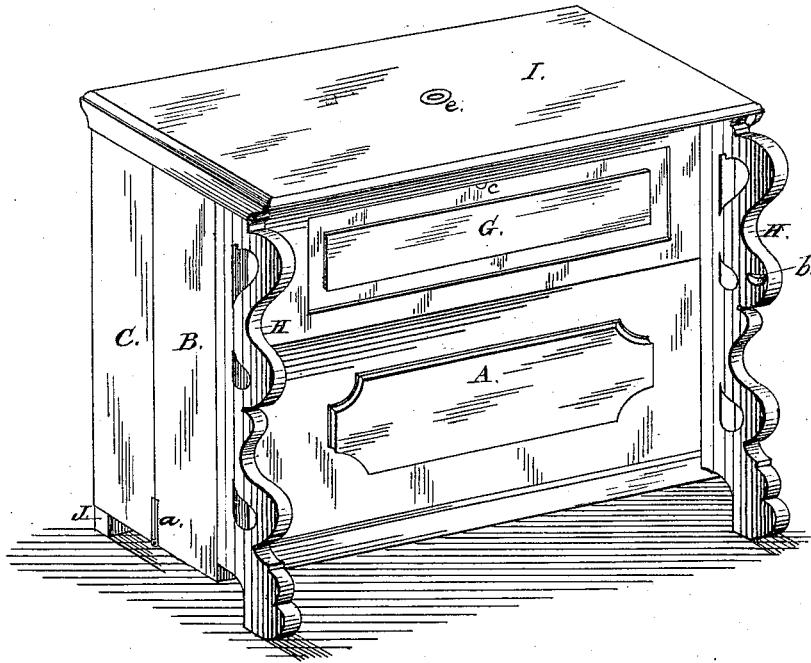


Fig. 2.

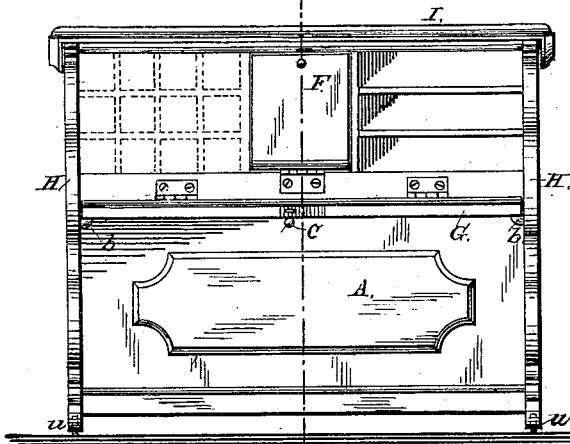
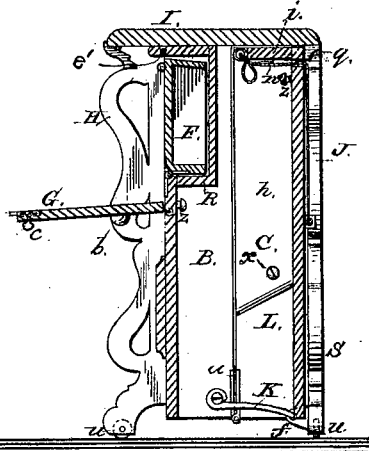


Fig. 3.



Witnesses:

J. C. Brecht.
W. F. Holton

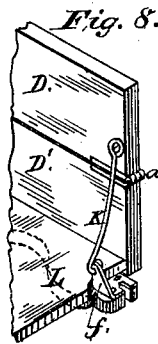
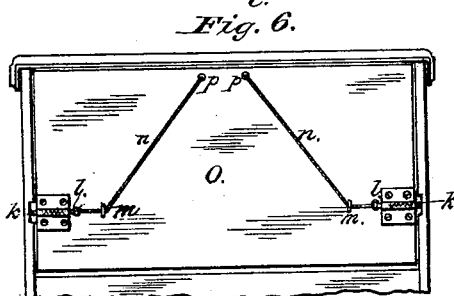
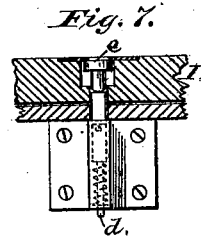
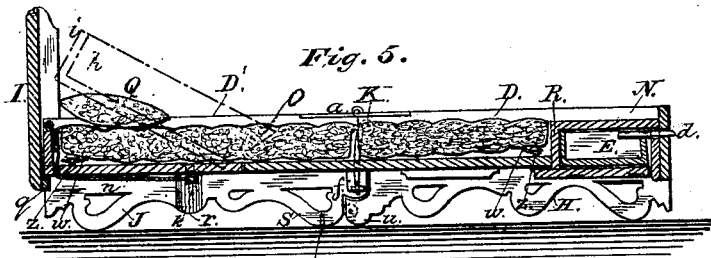
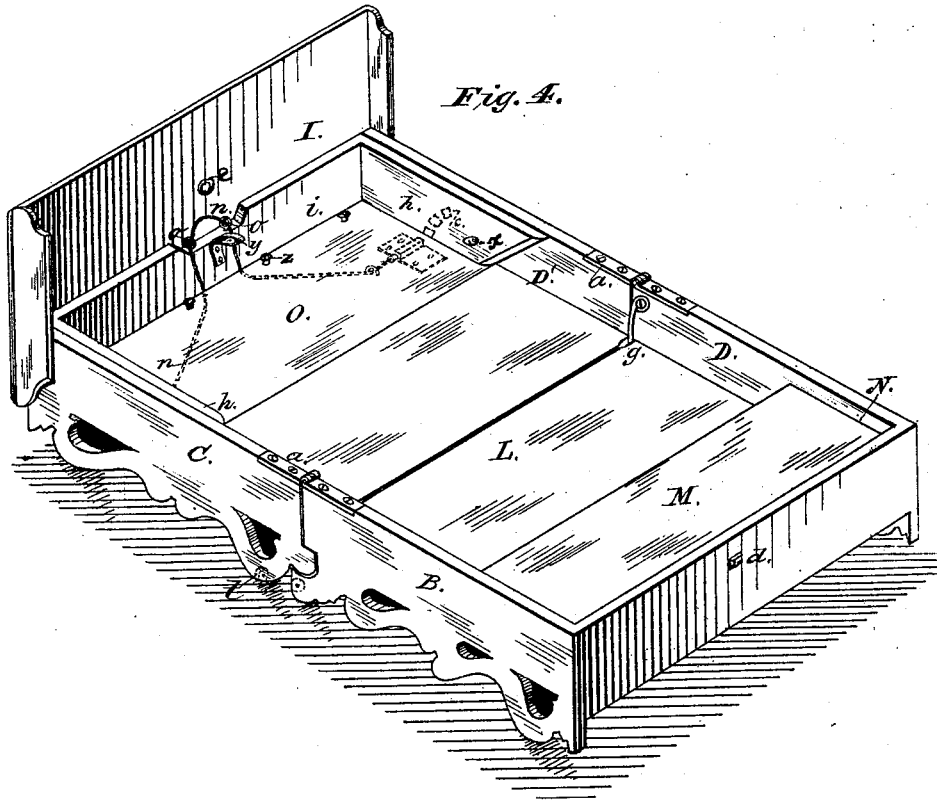
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Inventor:
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 By *Theodor Pfungen & Co.*

UNITED STATES PATENT OFFICE.

HARRISON OGBORN, OF RICHMOND, ASSIGNOR OF ONE-HALF HIS RIGHT TO
SAMUEL WATSON, OF DUBLIN, INDIANA.

IMPROVEMENT IN WARDROBE-BEDSTEADS.

Specification forming part of Letters Patent No. **201,282**, dated March 12, 1878; application filed
February 26, 1878.

To all whom it may concern:

Be it known that I, HARRISON OGBORN, of the city of Richmond, in the county of Wayne and State of Indiana, have invented certain new and useful Improvements in Folding Cabinet-Bedsteads; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a view in perspective. Fig. 2 is a front elevation, showing the portion that may be used as a secretary, toilet, or other receptacle thrown open. Fig. 3 is a vertical sectional view taken through the line *x x* in Fig. 2. Fig. 4 represents a perspective view of the cabinet-bedstead unfolded and extended. Fig. 5 represents a longitudinal sectional view of the folding bedstead extended, the mattress and pillow being in place, and the back-rest (shown in dotted lines) elevated. Fig. 6 represents a bottom view of the back-rest and side rails, showing the bolts and cord by which it is operated. Fig. 7 represents the fastening, consisting of a bolt and button, by which the front section of the folding bedstead is secured to the top when folded; and Fig. 8 represents a sectional view of the lower ends of the two sections of the folding bedstead, showing the rod and angle-plate by which the brackets hinged to the rear section of the bedstead are automatically operated and converted into legs or supports for said rear section.

The objects of my invention are to produce an ornamental folding cabinet-bed that may be unfolded and extended to form a complete bed and bedstead, with bedding in place ready for use as soon as unfolded, and that, when not in use as a bed, may be folded into a neat compact piece of furniture, in which the bedding is secured out of sight and away from dust, &c.; also to provide in the front part of the same, when used as a piece of furniture, a writing-desk or receptacle for extra bedding or other articles; also in further providing the folding bedstead with a hinged back-rest, by which the pillow and bedding may be elevated to any height desired, at pleasure; and to these ends my invention consists, first, of a ward-

robe-bedstead composed of two folding sections hinged at their lower ends, the rear one of said sections being provided with a pivoted section or head-rest, having spring-bolts operated by a cord passing through guides to cause said spring-bolts to be disengaged from ratchets in the side rails of said rear section, when desired, said rear section being further provided with folding brackets that may be automatically converted into supports at will, and the front one of said folding sections being provided with a book-case having a folding drawer and a door, as will hereinafter more fully appear; second, in combination with a folding bed the sections of which, hinged at their bottoms, are capable of being folded and extended, a recess in the inner upper part of the front section thereof, which forms a space for the pillow, in order that it may remain in position when the bed is folded; third, in a folding cabinet-bed the sections of which, hinged at their bottoms, are capable of being folded and extended, a pair of adjusting-rods pivoted to the side rails of the front section, and hooked into angle-plates secured to a pair of hinged brackets secured to the rear section of the folding bed, for the purpose of automatically converting said brackets into legs or supports when the sections are unfolded and extended; fourth, in combination with the rear section of a folding cabinet-bed the sections of which are capable of being folded and extended, a pair of hinged brackets, automatically operated by a pair of adjusting-rods, and provided with casters projecting from their outer corners to support the weight of that section of the bed while the bed is being opened or closed.

In the accompanying drawings, A represents the case of the folding cabinet-bed, which I usually construct to represent a cabinet-organ. I also sometimes construct it to represent an upright piano, sideboard, bureau, dressing-case, desk, secretary, wash-stand, or other analogous article of furniture, so that it may appear in good taste in any of the different rooms of the house in which it may be necessary to place it.

B represents the front section, and C the rear section, of the folding bed, the two sec-

tions being hinged together at their lower ends, which afterward become the middle of the bed, by hinges *a* let into the upper edges of the side rails D D'. The front section B of the folding bed is provided in its upper portion with a recess or receptacle, E, which may be divided into compartments to form a secretary, desk, or toilet-receptacle, or may be left without these compartments, to be used to store extra bed-linen, &c. In this instance it is provided with compartments, as shown, in which to store books or stationery.

A drawer, F, is hinged at its bottom within the receptacle E, to fold up within the same when not lowered to expose its contents, which may be filled with wide or large sheets of paper, or other articles that may be safely kept in such a drawer.

A door, G, provided for the receptacle E, is hinged at the bottom, and lets down upon the stops *b* on the inner sides of the projecting brackets H H, to form a writing or toilet table when the folding cabinet-bed is used as an ornamental piece of furniture. When the door G is closed, it is held in place by a spring-catch, *c*, which engages with a keeper, *c'*, in the under face of the top of the section B.

The top I of the case A, which is the head-board of the bedstead, forms part of the rear section C, and projects entirely over the top of the front section B, and the latter is secured to the top I by a spring-bolt, *d*, and button, when folded up. (See Fig. 8.)

The rear section C is provided with a pair of folding brackets, J, hinged to the bottom edges of the side rails D' of the section C, and provided with angle-plates *f* on their inner faces at their lower ends, into which are hooked the ends of a pair of adjusting-rods, K, the opposite ends of which are pivoted to the inner faces of the side rails D of the section B, notches *g* being made in the edges of the bottom L of the bedstead, through which said adjusting-rods K pass when the bed is unfolded and extended.

The back M of the receptacle E traverses the bedstead at a sufficient depth below the upper edges of the side rails D of the front section B to form a recess or receptacle, N, for the pillows Q, so that they may remain in place when the bed is folded.

A portion, O, of the bottom of the rear section C of the bed is provided with sides *h* and a head or an end, *i*, the sides *h* being pivoted by pins *x*, near their inner ends, to the inner sides of the side rails D', in order that the portion O may be raised and lowered on its pivots, to incline or place it in a horizontal position at pleasure. Racks *k* are made on the inner faces of the side rails D' at a point where the spring-bolts *l*, secured to the bottom of the portion O of the bed-bottom L, will engage with the racks *k*, to hold the section O at the inclination to which it may have been raised by grasping and drawing upon the strap *y* secured to the end *i* of the section O.

Guides *m* are placed directly opposite the inner ends of the spring-bolts *l*, to permit the cord *n*, which passes through eyelets *o* in the upper edge of the end *i*, and also through holes *p* in the bottom of the section O, and through the guides *m*, to draw directly upon the spring-bolts *l*, with which it is connected when drawn upon, for the purpose of withdrawing the bolts *l* from the racks *k* when it is desired to lower the section O. When the section O is drawn upwardly, the spring-bolts *l* engage automatically with the racks *k*.

Studs *q* (see Fig. 5) are placed near the lower edge of the head-board I on its inner face, and upon them the head *i* of the section O rests when down in place.

Recesses *r* are made in the inner faces of the folding brackets J, to receive the backs of the spring-bolts *l* when the bed is folded up, at which time the folding brackets J are closed in against the back of the bed.

Although the stationary projecting brackets H are ornamental, they are constructed so that two, or even more, of their points come in line; and when the bed is unfolded and extended the section B rests on them. The folding brackets J perform the same office for the section C when the bed is unfolded; and when it is folded they are also folded inwardly against the back of said section C, so that the bed may be pushed up against the wall.

The outer corners of the lower scrolls *s* of the folding brackets J are rounded off to permit the casters *t*, with which said scrolls are provided, to come in contact with the floor or carpet when the bed is being folded and unfolded, to facilitate the operation, and to prevent the scrolls from becoming scratched or otherwise defaced.

The lower ends of both the stationary and the folding brackets H and J are also provided with casters *u*, to permit the bed to be more easily drawn out from the wall when it is desired to unfold and extend it for use as a bed.

The mattress P is made to extend from the head of the bed to the inner vertical wall R of the receptacle E, and is jointed to correspond with the joint of the hinged sections B and C, so that it will readily fold within the two sections.

Slotted straps *w* are secured to the lower side of the mattress P, at the head and foot of the same, and headed nails or hooks *z* are driven into the bottom L of the bedstead, as shown, to which said straps *w* are attached, to hold the mattress in place at all times, unless designedly detached for the removal of the mattress.

Let it be supposed that the folding cabinet-bed is in use as an article of furniture, and that it is desired to convert it into a secretary. By loosening the spring-catch *c* the door G may be let down until it rests upon the stop *b* on the inner sides of the stationary brackets H, at which time it will form a writing-table. The folding drawer F may be let

down and its contents exposed for use, and any article that may have been placed in any of the compartments of the secretary will be exposed for convenient use. The drawer F having been folded up within the receptacle E, and the door G being closed, should it become necessary to convert this ornamental piece of furniture into a bed, it should be wheeled out from the wall sufficiently far to permit it to be opened, when, by pressing upon the button *e*, which will detach the bolt *d*, the sections B and C can be separated at the top and gradually unfolded until the two sections assume a horizontal position.

During the operation of unfolding the sections B and C the adjusting-rods K push gradually upon the angle-plates *f* and unfold the folding brackets J gradually until the sections B and C have assumed a horizontal position, at which time the folding brackets J will have reached a vertical position, and will form supports or legs for the section C, the stationary brackets H at the same time forming supports or legs for the section B, so that the two sets of brackets together form a firm support for the bed, and there is not the slightest danger of the two sections sagging down, as is often the case in folding beds with automatic supports. Should the head of the bed be too low for the occupant, that defect may be easily remedied by grasping the strap *y* and raising the section O, which carries mattress and all to the desired inclination. To lower the section O to its horizontal position again, grasp the cord *n* and withdraw the spring-bolts *l* from the racks *k*, and the section O will drop back to place. The recess or receptacle N for the pillow permits it to retain its place, so that all the bedding will be properly arranged when the bed shall have been unfolded for use.

To remove the mattress for airing, &c., the straps *w* should be detached from the headed nails or hooks *z*.

To close the bed, an operation exactly the reverse of the one described for opening it will naturally suggest itself.

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

1. A wardrobe-bedstead consisting of the hinged sections B C, head-section O, having cord *n*, spring-bolts and ratchets *k l*, and guides *r m*, folding brackets J, having angle-irons *f* and rods K, and book-case E, having hinged drawer F and door G, constructed and arranged substantially as and for the purposes set forth.

2. In a folding cabinet-bed the sections B C of which, hinged at their lower ends, are capable of being folded and extended, the receptacle E, arranged within the upper inner end of the section B, and partly surrounded by a casing, R, arranged to form a recess, N, in the rear of the receptacle E, to be occupied only by the pillow or pillows when the bed is folded, as set forth.

3. In a folding cabinet-bed the sections B C of which, hinged at their lower ends, are capable of being folded and extended, the adjusting-rods K, pivoted to the side rails D and hooked into the angle-plates *f*, secured to the hinged brackets J of the section C, substantially as and for the purposes set forth.

4. In combination with the rear section of a folding cabinet-bed the sections B C of which are capable of being folded and extended, a pair of hinged brackets, J, automatically operated by a pair of adjusting-rods, K, and provided with casters *t*, projecting from the outer corners of the scrolls *s*, to support the weight of said rear section when the bed is being opened and closed, substantially as and for the purposes set forth.

In testimony that I claim the foregoing improvements, as above described, I have hereunto set my hand and seal this 25th day of February, 1878.

HARRISON OGBORN. [L. S.]

Witnesses:

THEODORE MUNGEN,
WILLIAM F. HOLTON.