

M. Crosby,
Folding Bedstead.
No. 108457. Patented Oct. 18. 1870.

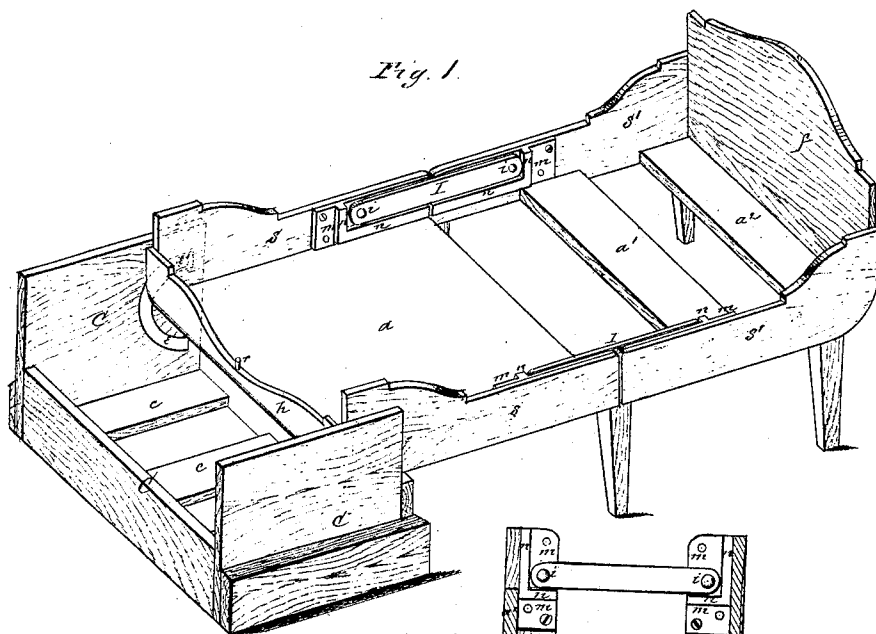
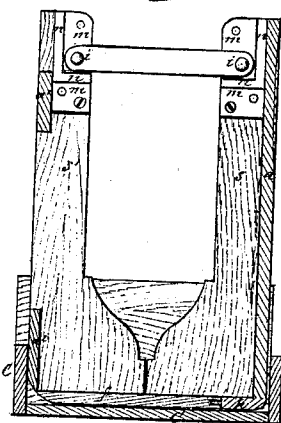


Fig. 2.



Witnesses:

H. J. Smith
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Inventor:

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United States Patent Office.

MARK CROSBY, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 108,457, dated October 18, 1870.

IMPROVEMENT IN FOLDING BEDSTEADS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, MARK CROSBY, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Folding Bedsteads; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a perspective view of the bedstead when opened.

Figure 2 is a vertical transverse section of the case and bedstead folded.

This invention relates to that class of French parlor bedsteads which can be folded up, with the bed, into a form resembling a neat bureau or stand, and the invention consists in a new and improved method of connecting the parts that fold together, so as to admit of the side-pieces being made narrower at the middle than at the ends, while, at the same time, it allows the bedstead to fold readily and easily, inclosing the bedding between the folded parts.

In the drawing—

a a' *a'* represent the bottom pieces;

s s s' the side pieces;

h the headboard;

f the footboard; and

l l the legs of the bedstead; and

C a box or case attached to the bedstead by means of semi-annular slots, *e e*, and pins or friction-rollers, *e' e'*, so that the folding parts can be turned down till they rest on the legs in a horizontal position, as shown in fig. 1, or be folded and turned up till they stand vertically in the case, as shown by fig. 2, the pins moving in the slots as the bedstead is turned down or up, and forming a neat and substantial hinge.

m m are metallic plates, flat on one side, and provided with a flange or rib, *n*, on the other, constructed as shown in the drawing.

These plates are made "rights and lefts," and are attached by screws to the adjacent ends of the side pieces *s s'*. Thus formed and attached they are con-

nected together by a bar, *I*, which turns on pins *i i*, passing into or through the plates, the bar lying flat against the plates, its ends and lower side being in contact with the flanges *n n*, in the position shown in fig. 1, when the bedstead is unfolded, and as shown in fig. 2 when the bedstead is folded, the flange forming a very firm and strong bearing for the bar to rest upon. This construction enables the side pieces *s s'* to be made about half as wide at the middle as at the ends, without preventing the bedstead from readily inclosing the bed when folded up, and also allows full access to the bed when folded, without the necessity of opening the bedstead.

The bedstead is folded by turning the foot *a' a' s' f* over upon the head *a s h*, the edge of the footboard resting upon and throughout its whole length, matching with the upper edge of the headboard and a pin, *r*, which projects from one entering a hole, *o*, in the other, so as to prevent the parts from slipping or getting out of position. The head and foot of the bed being thus folded together, they are elevated to a vertical position, and as they rise the pins *e'* slip round in the slots *e* till they arrive at the bottom of the same, where they rest. This brings the matched head and footboards down into the case, causing them to rest firmly on the parts *c c c* thereof.

In opening this bedstead the least amount of strength is required to operate it, as compared with the old single-joint hinge bedstead, on account of the leverage produced by the peculiar construction of the hinge connection *I m*.

Having thus described my invention,

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

1. The hinge composed of pieces *m m*, connected by the bar *I* and pins *i i*, when said plates *m m* are provided with the flange *i*, arranged and operating substantially as and for the purpose described.

MARK CROSBY.

Witnesses:

SYLVENUS WALKER,
J. R. MCUREADY.