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Folding Bedstead,

N^o 5.072.

Patented Apr. 17, 1847.

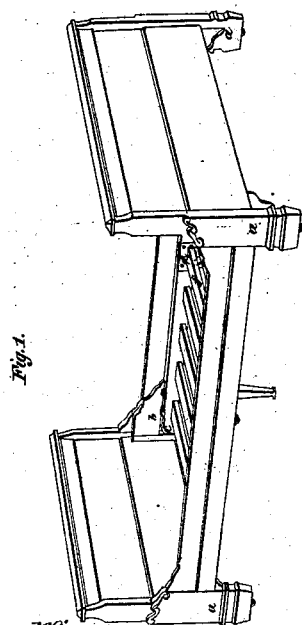
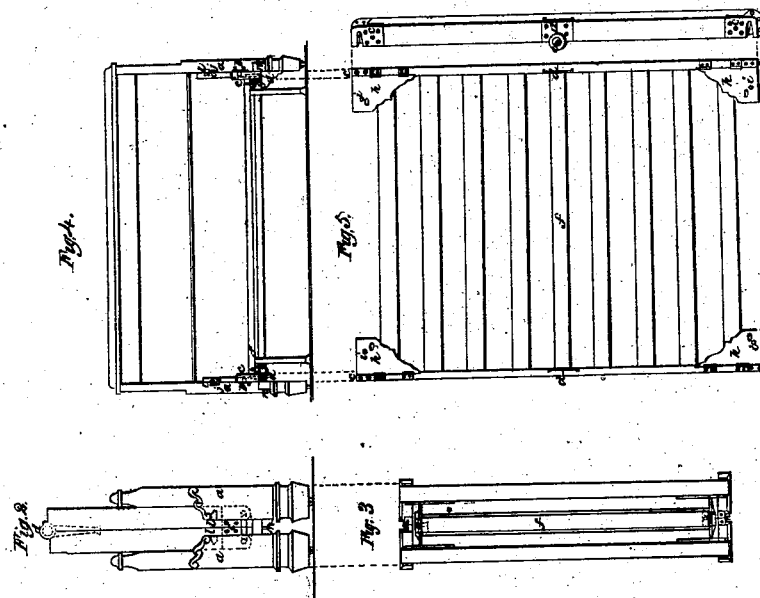
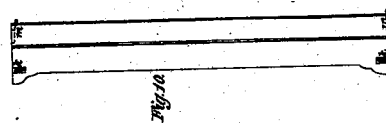
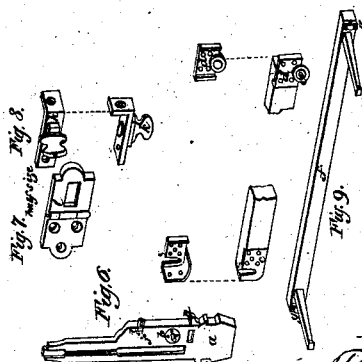


Fig. 1.

Witnesses.
Peter H. Dreyer
Francis C. Killow.



Wig



Inventor:

Thos B. Bliss M.D.

UNITED STATES PATENT OFFICE.

THEOPT. B. BLEECKER, OF NEW YORK, N. Y.

FOLDING BEDSTEAD.

Specification forming part of Letters Patent No. 5,072, dated April 17, 1847; Reissued July 24, 1860, No. 1,015.

To all whom it may concern:

Be it known that I, THEOPHYLACT B. BLEECKER, of the city of New York, in the county and State of New York, have invented a new and Improved Mode of Constructing Folding Hinge-Bedsteads; and I do hereby declare that the following is a full and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1, is a perspective view; Fig. 2, a front view (in folded position); Fig. 3, a bird's eye view (in folded position); Fig. 4, a transverse section; Fig. 5, a bird's eye view of the hinged frame; Fig. 6, a view of one of the pillars or posts; Figs. 7 and 8, fastenings for side panels to posts; Fig. 9, a supporting frame; Fig. 10, a side panel.

I construct the two ends of the bedstead head, and foot, separately, framed (of wood) to two pillars or posts *a a*. On the inside of the two posts thus separately framed two metal hinge-bolts *b b* are attached, on which the ends of the two side rails (see Fig. 5) of hinged frame are hooked and rest, the metal end plates *c c* which are attached to each respective end of side rail being formed in the shape of a hook; in this manner the ends of the side rails are allowed to vibrate on the bolts and constitute a joint or hinge. The above named side rails are connected with slats and have a hinge *d d* in the center, the hinge bolt being on the under side of each rail which forms a hinged frame, and allows the center of the frame to be raised upward when the bedstead is folded; and when the frame is lowered or extended the joint of metal and timber above the hinge-bolt butts closely.

To prevent the center hinge and frame being strained by weight, there are two pivots *e e* extended from the inner side of each center hinge, on which a supporting frame *f* is hung by means of irons *g g*, the weight being supported by the two legs attached to the frame; when the bedstead is folded said frame will maintain a hanging position on the pivots. For the purpose of bracing the bedstead when extended or folded down, there are four braces *h h h h* attached with

hinges near the ends of each side rail, each brace having a bolt or pin *i i i i* attached, which bolts are pressed into the bolt holes *j j j j* in each post; whenever the bedstead is to be folded the braces are closed down to the frame.

To raise the sides of the bedstead if required, a panel, Fig. 10, is fastened to each side by means of bolts *k k* and eye hinges *l l* for the top fastenings, and the bolts *m m* and steps *n n* for the bottom fastenings; the bolts *m m* at the bottom of the panel first being inserted into the holes *n n* at the bottom of the posts, the bolts *k k* are then passed through the eyes of the hinges *l l* and turned, which secures the panel to the posts. Whenever the bedstead is to be folded the center of the hinged frame should be raised, whereby the head and foot ends are drawn together by means of the hook-shaped irons fastened to each end of rail of the said frame, these operating as a hinge on the bolts attached to the posts. The above construction may be entirely of iron.

In moving double bedsteads it may be well to disconnect the hinged frame from the ends, which is readily done by lifting said frame off the hinge bolts, this however is not required to be done with single or lightly constructed bedsteads.

I am aware that Letters Patent have been granted for a folding-bedstead in which hinges are employed at the center of end-rails and on the posts, by which the bedstead is folded sidewise, and I do not therefore claim the employment of hinges to fold the sides of a bedstead. But

I claim as my invention and desire to secure by Letters-Patent,

The employment of a frame hinged in the center and joined to the two ends of a bedstead by irons in the shape of hooks, operating as hinges on the bolts attached to the posts, for the purpose of folding the whole bedstead together, endwise, in the manner described.

THEOPT. B. BLEECKER.

Witnesses:

PETER H. DREYER,
FRANCES TILLOU.