

(No Model.)

A. ISKE.
FOLDING BEDSTEAD.

No. 358,451.

Patented Mar. 1, 1887.

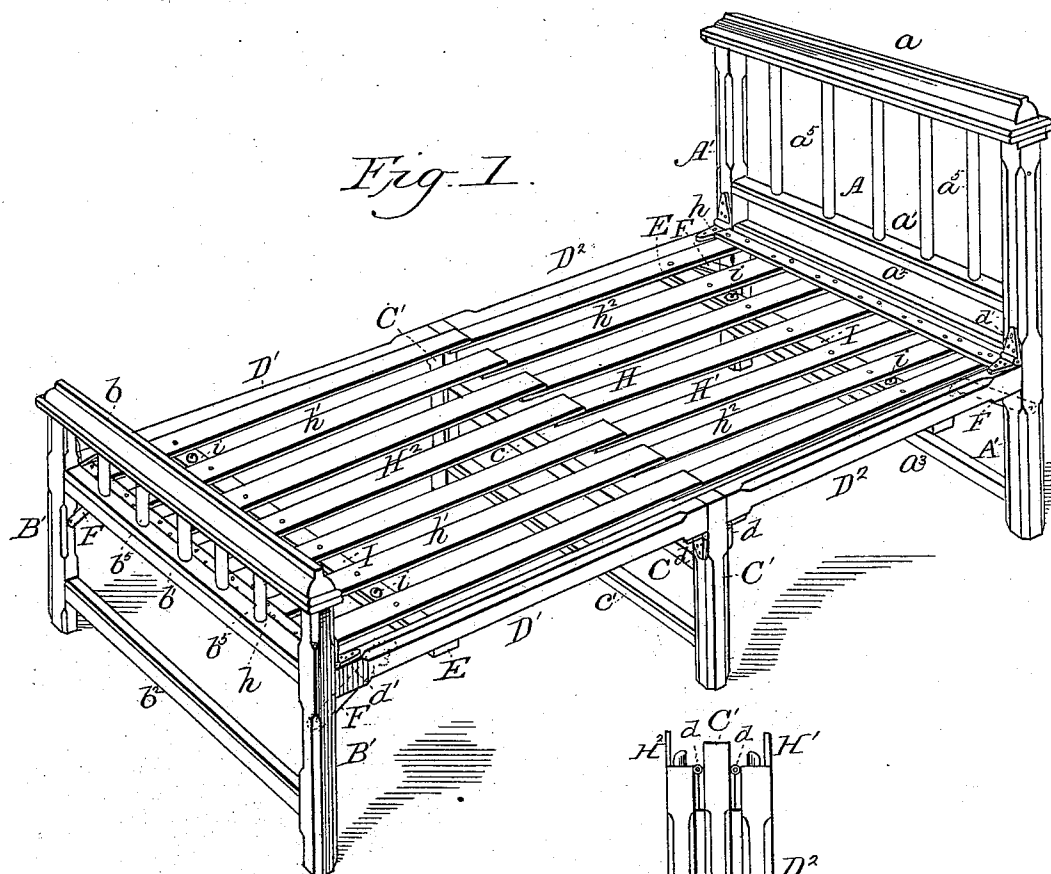
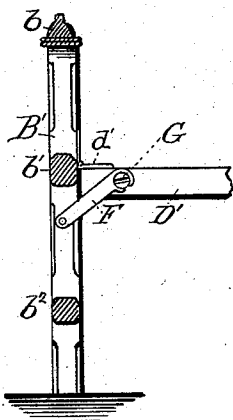


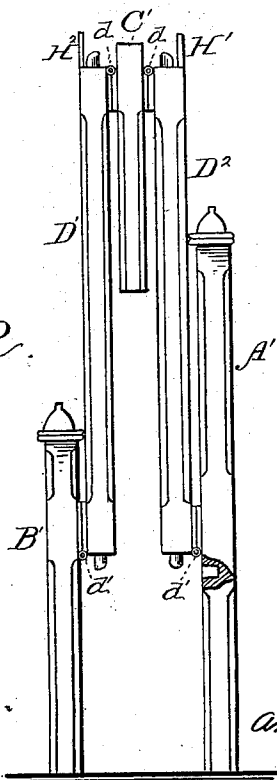
Fig. 3



Witnesses

J. M. Reynolds
W. A. Haight

Fig. 2.



Inventor
Anthony Iske,

By his Attorney

W. H. Babcock

UNITED STATES PATENT OFFICE.

ANTHONY ISKE, OF LANCASTER, PENNSYLVANIA, ASSIGNOR TO ISRAEL
L. LANDIS, OF SAME PLACE.

FOLDING BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 358,451, dated March 1, 1887.

Application filed October 30, 1886. Serial No. 217,556. (No model.)

To all whom it may concern:

Be it known that I, ANTHONY ISKE, a citizen of the United States, residing at Lancaster, in the county of Lancaster and State of Pennsylvania, have invented certain new and useful Improvements in Folding Bedsteads; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to folding bedsteads having sectional bed-bottoms attached thereto; and it consists in the construction and combination of parts, hereinafter set forth and claimed.

In the accompanying drawings, Figure 1 represents a perspective view of a bedstead embodying my invention ready for use. Fig. 2 represents a side view of the same folded up, and Fig. 3 represents a detail view of one of the catches and the stud with which it interlocks.

A designates the head-frame of the bedstead, consisting of upright head-posts A' A' and cross-bars a' a' a'. As shown, there are vertical rungs a' between the top cross-bar, a, and the second cross-bar, a'; but a solid head-board may of course be substituted.

B designates the foot-frame, having foot-posts B' B' and cross-bars b' b' b', with vertical rungs b'. This, like the head-frame, may be greatly varied in construction and appearance.

C designates a vertical middle frame, consisting of posts C' C' and cross-bars c' c'. To the upper ends of middle posts, C' C', the inner ends of side-bar sections D' D² are connected by downwardly-closing hinges d. The outer ends of these sections are connected to the head-frame A and foot-frame B, respectively, by upwardly-closing hinges d'. Two of these sections D' D², with the intervening top of the post C', which is flush with the upper faces of said sections, make up the whole of each side bar, D, of the bedstead.

Cross-bars E E' extend across the bedstead, connecting each pair of sections D' D' and D² D². These cross-bars are arranged about three-fourths of the distance from the middle frame, C, to the head-frame A and foot-frame B, on each side of said middle frame.

To the inner side of each bed-post A' or B'

is pivoted a catch, F, which falls inward and downward on a headed stud, G, extending inward from the proximate side bar section D' or D². The hook parts b of said catches, taking in behind the heads of said studs, prevent said hooks and studs from separating laterally, and hold all parts of the frame rigidly in the position shown in Fig. 1. In this figure the hooks are shown chiefly by dotted lines.

H designates the bed-bottom, consisting of two sections, H' H², the longitudinal slats h' h² of which overlap in the middle, but are left unconnected to allow free play. The inner ends of the slats h' of one section rest on the corresponding slats, h², of the other section. This completely closes the bed-bottom at that point, and allows the said slats h' h² to brace each other and divide the strain. A weight on any part of section H² will be distributed partly over section H' also. The outer ends of said slats are connected together in each section by a transverse slat, h. Another transverse slat, I, runs across under the slats of each section above one of the cross-bars E E' of the bed-frame. These slats I are detachably though rigidly secured to said cross-bars, preferably by screws i, as shown. The cross-bars E serve, therefore, for the support and attachment of the sections of the bed-bottom. Each slat I forms a part of said sections, being removable with the longitudinal slats h' or h² of said section. The bed-bottom sections being thus held rigidly to the bed-frame, leaving the greater portion of the length of each slat free to move, the flexibility of said slats will allow them to conform to the shape, weight, and motion of the person using the bed, and their elasticity enables them to act both as springs and slats. The overlapping of their inner ends allows them to brace each other, and prevents a gap from being left there. This bed-bottom folds with the rest of the bedstead, as indicated in Fig. 2, each section of it going with sections D' or D² of the side bars.

If preferred, the sections H' H² of the bed-bottom may be detached from the bed-frame by unscrewing the screws i. The bed-frame and bed-bottom may then be folded separately. To effect this folding the catches F are simply turned back out of engagement, the head-frame and foot-frame folded over on the bed-bottom,

the middle frame, C, lifted, and the other parts folded down against it. The fastenings F G may of course be greatly varied.

I am aware that it is not broadly new to
5 construct a bed-bottom in two sections having longitudinal slats, the inner ends of which are free to move, and the outer ends of which are provided with cross-slats and held stationary. I do not broadly claim such a bed-bottom.

10 Having thus described my invention, what I claim is—

1. A bed-bottom consisting of two sections having longitudinal slats, the ends of which overlap in the middle, but are free to move
15 on each other, and cross-slats I, one to each section, arranged for attachment to a bed-frame, the inner ends of the slats being without impediment to their vibration, substantially as set forth.

20 2. In combination with the folding bedstead having cross-bars E E', the bed-bottom con-

sisting of two sections having cross-slats I, which may be attached to said cross-bars, the slats of the two bed-bottom sections being without attachment in the middle, in order that
25 the bed-bottom may fold with the bedstead, and the inner ends of the slats of one section resting on the corresponding ends of the slats of the other sections, substantially as set forth.

3. In combination with the sectional folding bed-frame having cross-bars E, the sectional bed-bottom consisting of slats h' h'', and transverse slats h I, the slats I being detachably fastened to cross-pieces E by screws i, and
30 the inner ends of slats h' and h'' being free to move over each other, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

ANTHONY ISKE.

Witnesses:

H. R. McCONOMY,
ALBERT ISKE.