

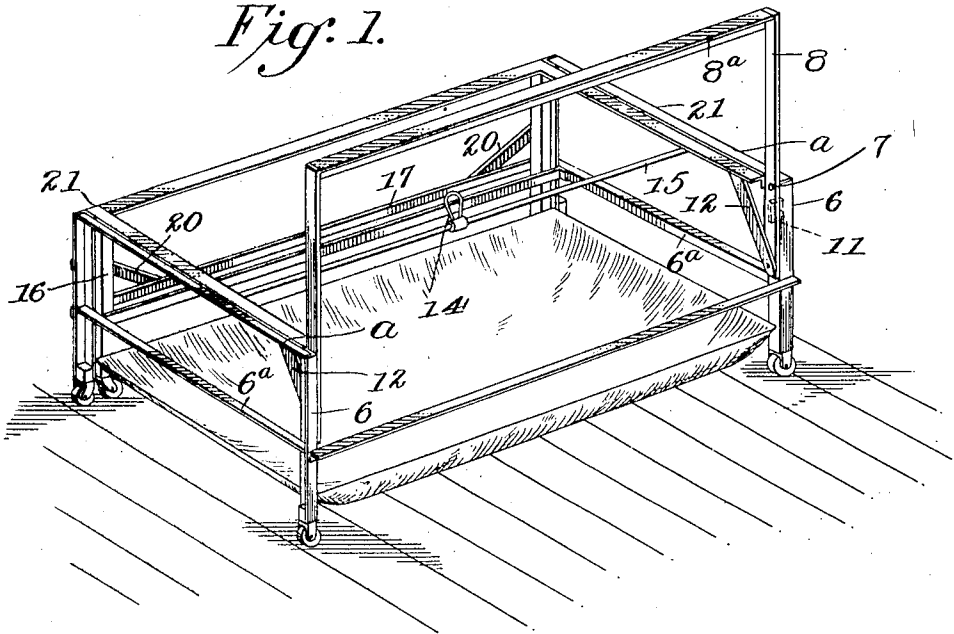
P. HERBOLD.  
 CONVERTIBLE BED AND SEAT.  
 APPLICATION FILED SEPT. 18, 1911.

1,033,012.

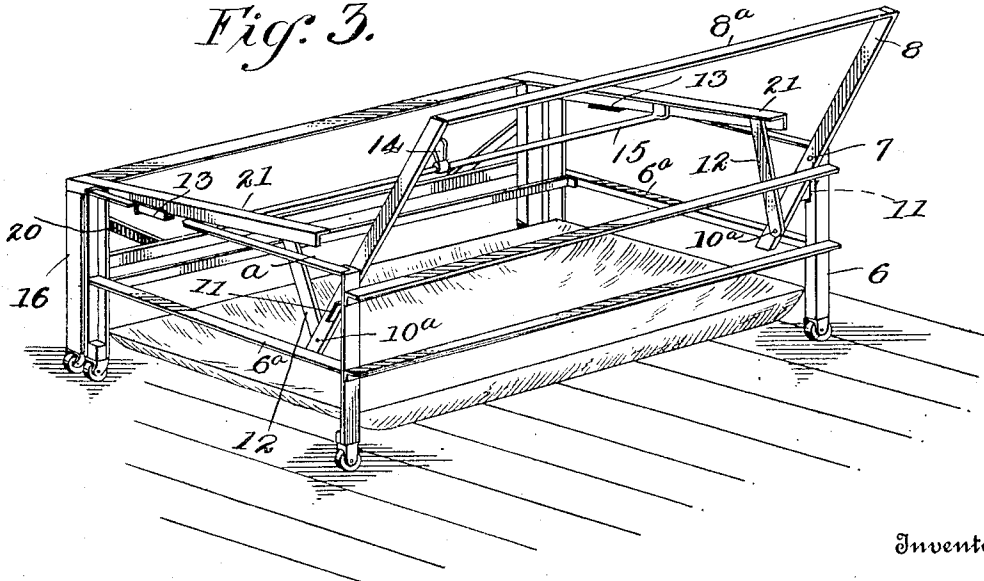
Patented July 16, 1912.

2 SHEETS—SHEET 1.

*Fig. 1.*



*Fig. 3.*



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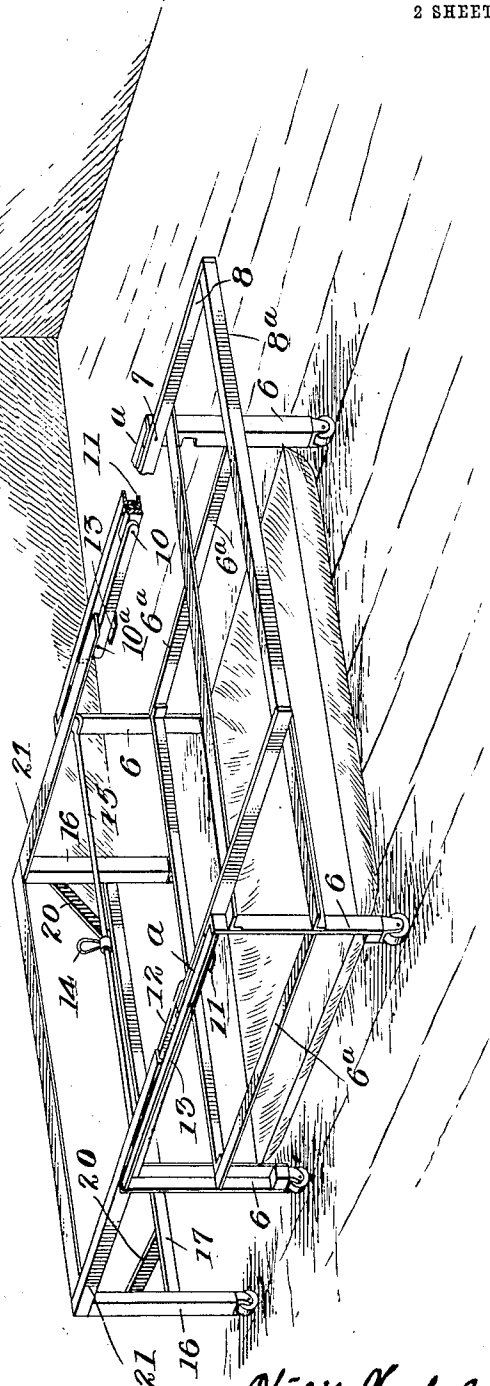
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2 SHEETS—SHEET 2.

Fig. 2.



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# UNITED STATES PATENT OFFICE.

PHILIP HERBOLD, OF GALION, OHIO.

## CONVERTIBLE BED AND SEAT.

1,033,012.

Specification of Letters Patent.

Patented July 16, 1912.

Application filed September 18, 1911. Serial No. 649,931.

*To all whom it may concern:*

Be it known that I, PHILIP HERBOLD, citizen of the United States, residing at Galion, in the county of Crawford and State of Ohio, have invented certain new and useful Improvements in Convertible Beds and Seats, of which the following is a specification.

This invention relates to convertible beds and seats, and especially to that class thereof having a folding or adjustable back and seat, which can be shifted to form a bed.

The object of the invention is to provide an improved structure of the kind stated which can be quickly manipulated to serve either of the purposes indicated, and which is capable of inexpensive construction.

In the accompanying drawings, only the frame of the article is illustrated, and a suitable spring or upholstered bottom or back may be supplied to the frame as desired, the invention relating to the frame structure.

In the drawings—Figure 1 is a rear perspective view of the device, when adjusted to form a seat. Fig. 2 is a perspective view showing the adjustment to form a bed. Fig. 3 is a perspective view showing the article in partly open position, as in changing from bed to seat, or vice versa.

Referring specifically to the drawings, the fixed or stationary frame of the article consists of posts 6, connected by longitudinal and end bars 6<sup>a</sup> to form a rigid support. At each end of the frame, the upper ends and rear posts are connected by bars *a* which are relatively fixed, and these bars have inwardly projecting flanges 13 intermediate their ends.

The back frame consists of end pieces 8 and a connecting piece 8<sup>a</sup> between the ends thereof, the piece 8<sup>a</sup> being at the top of the back when the device is used as a seat. This back frame is pivoted at 7 to the upper ends of the rear posts 6, and swings between said posts on a horizontal axis, to either vertical or horizontal position. The lower or inner ends of the pieces 8 project below the pivots 7, and near said ends there are lugs 11 which, when the end frame is swung down, strike and stop against the underside of the end bars *a*.

The seat frame consists of two legs 16 connected by a longitudinal bar 17 and a brace 20, and from the top of each leg a

rearwardly or inwardly extending bar 21 extends, and these bars 21 are connected by a rail 15 which is dropped slightly at the end connections to bring it below the plane of the bottom. This rail 15 has a hand loop 14 attached, which may be pulled to "break" the joints. The seat frame thus constructed is adapted to slide in and out between the front posts 6, and the rear ends of the end pieces 21 are connected by links 12 to the lower ends of the end pieces 8 of the back frame, the links being pivotally connected at 10 and 10<sup>a</sup> to said parts respectively, as shown.

When the seat frame is pushed in the bars 21 rest on and are partly supported by the flanges 13 on the pieces *A*. When the seat frame is pulled out to form the bed, the links 12 rest on the flanges 13 and are partly supported thereby.

In the use of the structure as a seat, the joints 10 and 10<sup>a</sup> are "broken" by pulling up on the loop 14, as shown in Fig. 3, and the seat frame is then pushed rearwardly or inwardly toward the back, which swings the back frame to vertical position, the links 12 folding to or toward the end bars 8 of the back frame, as shown in Fig. 1. When the structure is to be used as a bed, the seat frame is pushed out which swings down the back frame to horizontal position, and brings the pieces 8, the links 12 and the bars 21 in alignment, the links resting on the lugs 13 and the lugs 11 stopping against the underside of the bars *a*, so that a flat surface or bottom is formed which will not collapse under weight. As above indicated, a suitable fabric or other bottom will be stretched or placed on the top of the seat frame, between the links 12, and on the back frame.

The parts are preferably made of angle iron, forming a light and cheap structure for the purpose stated.

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

1. In a convertible bed and seat, the combination of a fixed frame, a back frame, pivots connecting the ends of the back frame and the rear part of the fixed frame and permitting the back frame to swing to vertical or horizontal position, a seat frame slidable in and out at the front of the fixed frame, and links pivoted at their opposite

ends to the lower end of the back frame and the inner end of the seat frame respectively.

2. In a convertible bed and seat, the combination of a fixed frame having corner posts, a back frame pivoted between and directly to the rear corner posts to swing to vertical or horizontal position, the pivots being located above the lower end of the back frame, a seat frame slidable in and out between the front posts, and links pivoted at their opposite ends to the rear edge of the seat frame and the lower ends of the back frame respectively.
3. In a convertible bed and seat, the combination of a fixed frame having front and rear end posts and a connecting bar at each end between the front and rear posts, said bar having inwardly projecting flanges, a

back frame pivoted above the lower edge thereof between the rear posts and having projecting lugs arranged to strike said connecting bars when swung to horizontal position, and a seat frame having legs at the front edge thereof, said seat frame being movable in and out between the front posts and adapted to rest on the flanges of the connecting bars when moved in, and pivoted links connecting the rear edge of the seat frame and the lower edge of the back frame.

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

PHILIP HERBOLD.

Witnesses:

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