

904,006.

P. J. OBERG.
FOLDING COT.
APPLICATION FILED JAN. 27, 1908.

Patented Nov. 17, 1908.
2 SHEETS—SHEET 1.

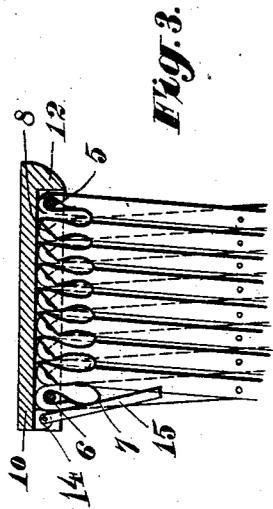


Fig. 3.

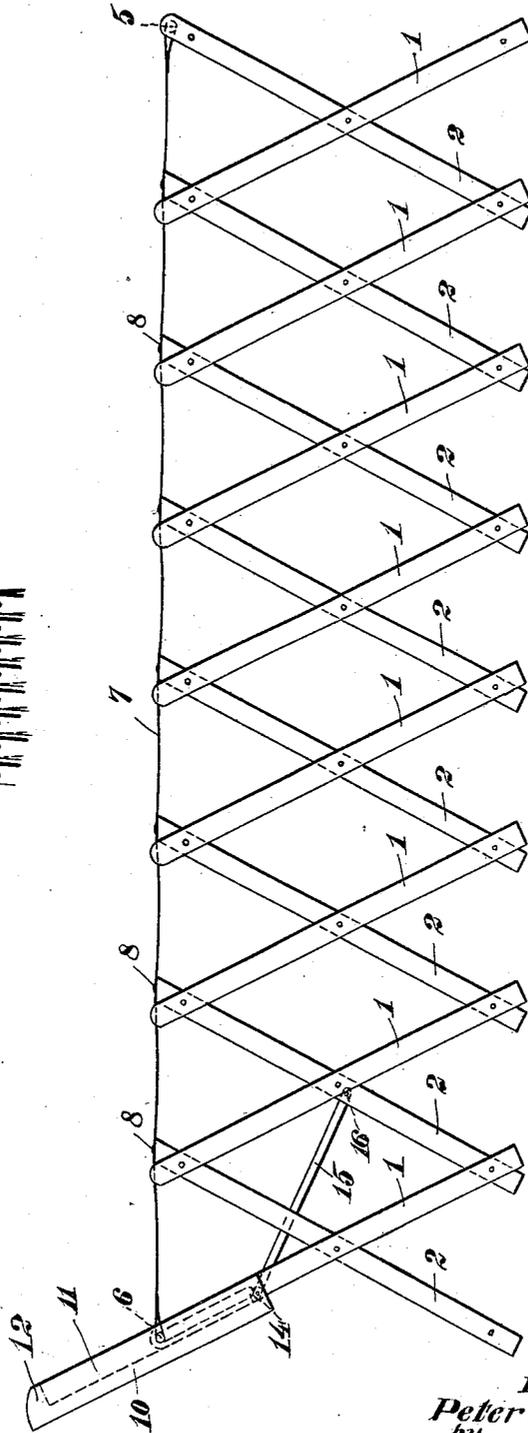


Fig. 1.

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2 SHEETS—SHEET 2.

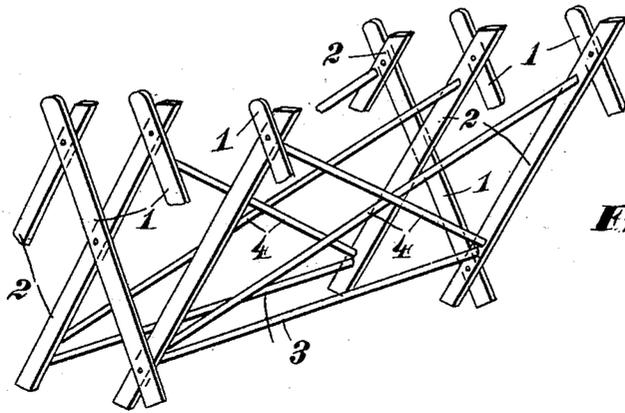


Fig. 4.

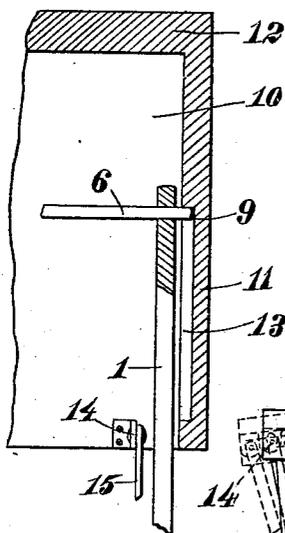


Fig. 5.

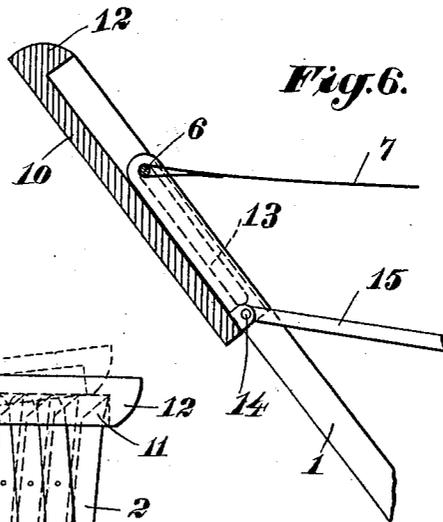


Fig. 6.

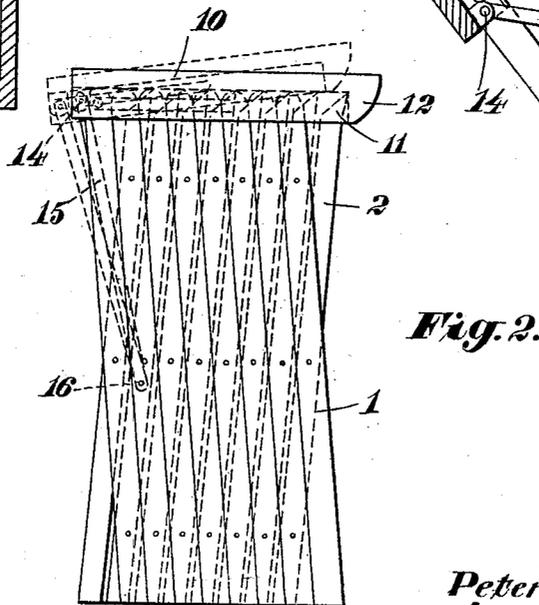


Fig. 2.

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UNITED STATES PATENT OFFICE.

PETER J. OBERG, OF CHICAGO, ILLINOIS.

FOLDING COT.

No. 904,006.

Specification of Letters Patent.

Patented Nov. 17, 1908.

Application filed January 27, 1908. Serial No. 412,798.

To all whom it may concern:

Be it known that I, PETER J. OBERG, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Folding Cots, of which the following is a specification.

My invention relates to cots and particularly to folding cots.

The object of my invention is to provide a cot which may be readily and quickly folded to occupy but a small amount of floor space and which may be easily and quickly extended or unfolded for use.

A further object of my invention is to provide a folding cot with a head board which shall serve to lock the cot in folded position and which when in locking position shall serve as a shelf.

A further object of my invention is to provide a folding cot having a head board as mentioned, which shall unlock the cot to permit the same to be opened by merely raising the front edge thereof, the head board being automatically turned into proper position as the cot is extended for use.

Other objects will appear hereinafter.

With these objects in view my invention consists generally in a cot comprising the two sides, each composed of a plurality of bars or levers connected on the lazy-tong principle and rigidly spaced apart by a plurality of transverse members, a pair of horizontal transverse members connecting the upper ends of the bars or levers at the head and foot of the cot, the bed proper formed of a strip of fabric such as canvas, stretched between said horizontal members and secured at intervals to the upper end of the levers or bars, a head board slidably and rotatably mounted upon the ends of one of said horizontal members, said ends extending beyond its respective levers and a link connecting said head board with one of said levers whereby when the cot is extended the head board is turned back in proper position and when folded will be turned in a horizontal position to lock the cot in folded position.

My invention further consists in various details of construction and arrangements of parts all as will be hereinafter fully described and particularly pointed out in the claims.

My invention will be more readily understood by reference to the accompanying

drawings forming a part of this specification and in which,

Figure 1 is a side elevation of a cot embodying my invention, illustrating the same extended, Fig. 2 is a side elevation of a cot in folded position, the head board being illustrated in locking position in full lines, and in unlocked position in dotted lines, Fig. 3 is a detail vertical section of the cot in folded position, the section being taken longitudinally of the device. Fig. 4 is a detail perspective view of a portion of the frame, Figs. 5 and 6 are details upon an enlarged scale illustrating the connection between the head board and the side frames.

Each side of the cot is formed of a plurality of parallel bars or levers, 1 connected by a like number of parallel cross bars, 2. These are connected on the lazy-tong principle and are readily folded or collapsed and as readily extended. The corresponding bars or levers on the opposite side of the cot are connected by the horizontal transverse rods or members, 3 arranged near their lower ends and the diagonal rods or members, 4 also extending transversely of the device forming rigid frames. The frames formed of the members, 2, 3 and 4 all lie parallel and are connected by the bars or levers, 1 in the manner described. The last of these frames, that is, the one at the foot is provided with a transverse bar, 5 extending horizontally between the upper ends of the members, 2 and the upper ends of the members, 1 at the opposite end of the cot, that is, the head are connected by a similar horizontal bar, 6. 7 indicates the fabric which forms the bed proper and which is suspended or stretched between the bars, 5 and 6. The edges of the fabric are also attached at intervals to the upper ends of the members, 2 as at 8.

The ends of the member, 6 extend beyond or outside of the members, 1 forming the pins, 9 upon which the head board is mounted. The head board comprises a board, 10 of sufficient size to cover the ends of the members, 1 and 2 when the cot is collapsed or folded and is provided with the depending sides, 11 and front, 12 which may be formed of molding to give finish to the device. The sides, 11 are each provided with a groove, 13 into which the pins, 9 extend. The grooves, 13 extend from a point about midway of the sides, 11 to a point near their rear ends. It is obvious that the head board

is thus both slidably and rotatably mounted upon the ends, 9 of the bar, 6.

When the device is closed the ends of the bar that is the pins, 9 are at the rear ends of the slot and the front 12 of the head board drops in front of the upper ends of the last frame, 2 locking the cot in folded position. Pivotaly connected to the rear edge of the head board, as at 14 is an arm or rod, 15 having its opposite end connected as at 16 to the second bar, 2 from the head. The point, 14 is back of the end of the slot, 13 hence, it is obvious that by raising the front edge of the head board the rod, 15 will cause the sides of the cot to slightly open. The head board will then rest in the position shown in dotted lines in Fig. 2, after which the side frames may be extended to unfold the cot. As the cot is extended the rod or rods 15 draw the rear portion of the head board downwardly into the position shown in Figs. 1, 5 and 6, the pins, 9 sliding freely to the forward ends of the grooves, 13 or in other words the head-board sliding downwardly on the pins until they reach the end of the slot. If preferred, but one rod, 15 may be employed, but I prefer to arrange one upon each side to prevent binding of the head-board in opening.

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

1. A folding cot comprising the sides each formed of a plurality of parallel bars con-

35 nected by a like number of cross bars forming a lazy-tong construction, said parallel bars being connected by transverse members, in combination with the bed portion proper formed of flexible material and attached to the end transverse members and to the upper ends of said bars, a head board slidably and rotatably mounted on the ends of one of said transverse members and a rod connecting said head board with one of said parallel bars for swinging said head board into up- 40 right or horizontal positions as the cot is extended or collapsed respectively, substantially as described. 45

2. A folding cot comprising the sides each formed of a plurality of parallel bars connected by a like number of parallel cross bars forming a lazy-tong construction, transverse members connecting the upper ends of said bars at the head and foot of the cot, the transverse member at the head extending beyond the outside of its respective bars, a head board slidably and rotatably mounted upon said extending ends and means for swinging said head board thereon as the cot is opened or closed, substantially as described. 50 55 60

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

PETER J. OBERG.

Witnesses:

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