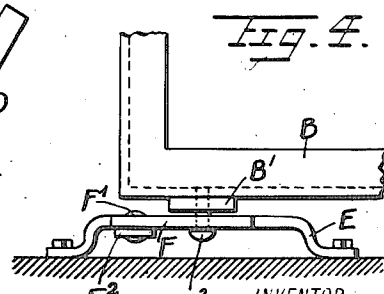
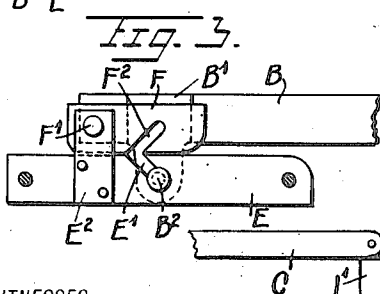
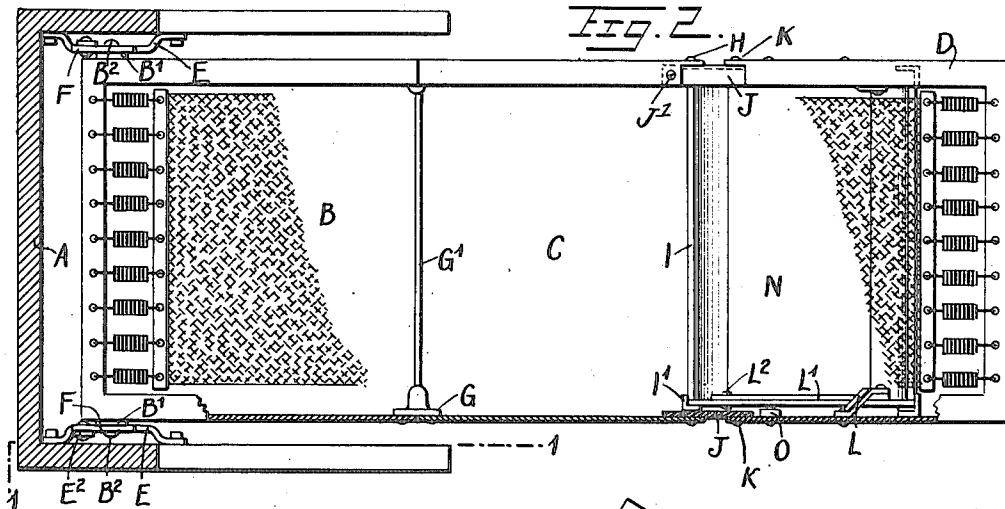
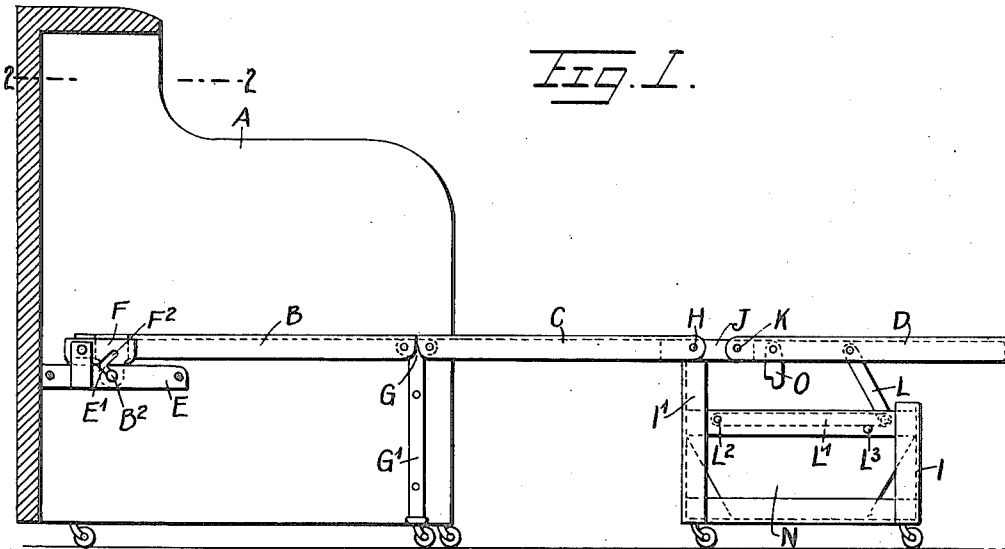


L. B. JEFFCOTT.
 CONVERTIBLE BED.
 APPLICATION FILED OCT. 23, 1914.

1,180,926.

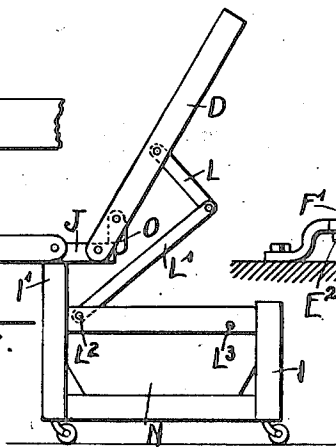
Patented Apr. 25, 1916.

2 SHEETS—SHEET 1.



WITNESSES
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Fig. 5.



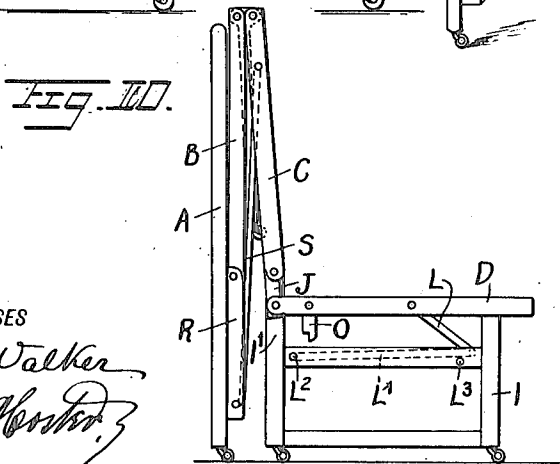
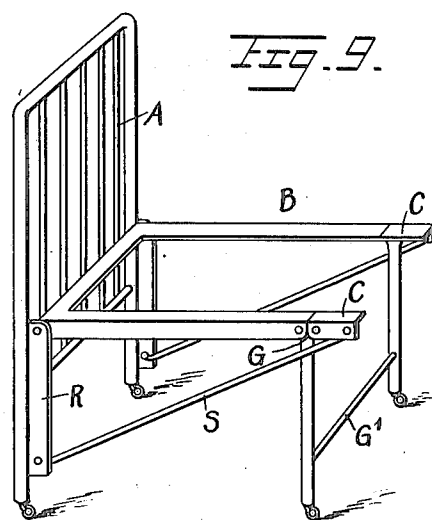
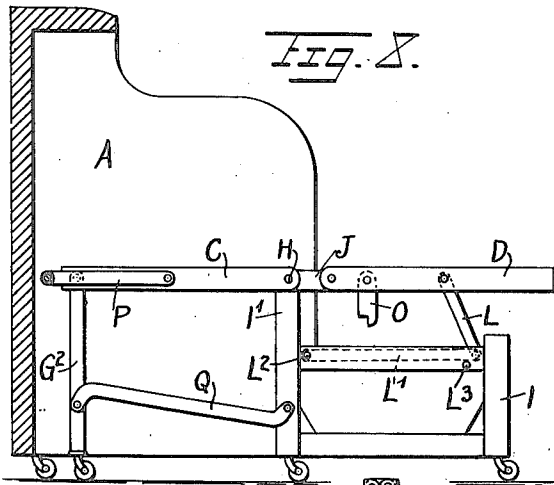
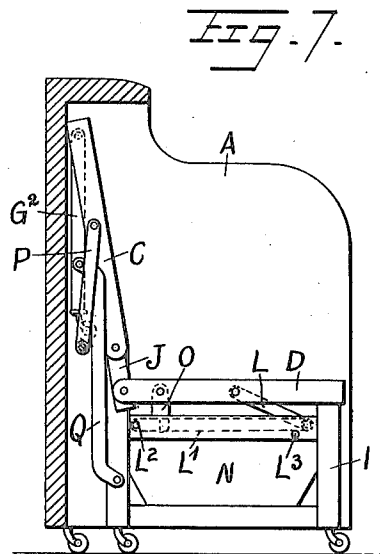
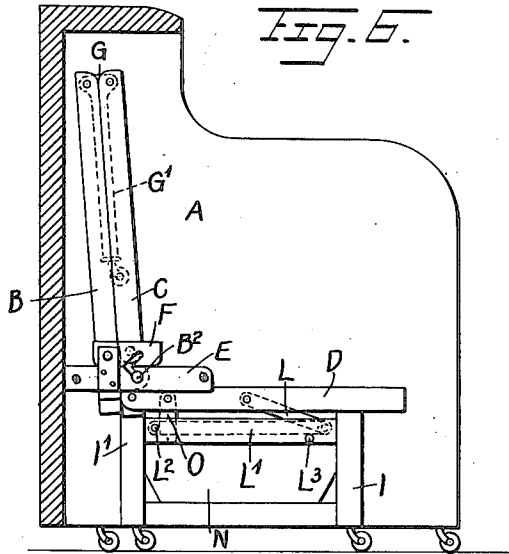
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Patented Apr. 25, 1916.

2 SHEETS—SHEET 2.



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UNITED STATES PATENT OFFICE.

LEWIS B. JEFFCOTT, OF NEW YORK, N. Y.

CONVERTIBLE BED.

1,180,926.

Specification of Letters Patent.

Patented Apr. 25, 1916.

Application filed October 23, 1914. Serial No. 868,192.

To all whom it may concern:

Be it known that I, LEWIS B. JEFFCOTT, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Convertible Bed, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved convertible bed arranged to permit of conveniently extending the parts lengthwise to form a bed or to fold the parts to take up little room and to allow of using the bed when in folded position as a davenport or a divan, at the same time making provision for convenient storing of the bedclothes or other articles.

In order to accomplish the desired result, use is made of a bed spring frame made in pivotally connected sections, a head on which one of the sections is pivoted to swing up into an upright position or down into a horizontal position, a foot and seat support adapted to move toward and from the said head and links connecting the said foot and seat support with the outer frame section to support the latter in raised horizontal position above the foot and seat support and to allow the said outer frame section to rest on the said foot and seat support to form a seat when the parts are in folded position, thus providing a divan or davenport.

A practical embodiment of the invention is represented in the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a sectional side elevation of the convertible bed with the parts in extended position to form a bed, the section being on the line 1—1 of Fig. 2; Fig. 2 is a sectional plan view of the same on the line 2—2 of Fig. 1; Fig. 3 is an enlarged side elevation of the pivotal connection between the head section of the bed spring frame and the head; Fig. 4 is a plan view of the same with the support shown in section; Fig. 5 is a side elevation of the foot section of the bed spring frame in inclined position; Fig. 6 is a sectional side elevation of the convertible bed with the parts in folded position to form a divan; Fig. 7 is a sectional side elevation of a modification, showing the convertible bed with the parts in folded position to form a davenport;

Fig. 8 is a similar view of the same with the parts in extended position to form a bed; Fig. 9 is a perspective view of another modification showing the said portion of the folding bed with the parts in extended position; and Fig. 10 is a side elevation of the same with the parts in folded position.

The head support A of the convertible bed may be in the form of the frame of a divan, as shown in Figs. 1, 2 and 6, or in the form of the frame for a davenport, as shown in Figs. 7 and 8, or in the form of the head of a bedstead, as shown in Figs. 9 and 10. In the arrangement disclosed in Figs. 1 to 6, inclusive, use is made of a bed spring frame formed of a head section B, a middle section C and a foot section D. The head section B of the bed spring frame is provided at each side near the forward end with a depending lug B' provided with a transverse stud B² normally resting in the bottom of an angular slot E' formed in the bracket E attached to the corresponding side of the head section B. By the arrangement described the head section B may be swung upward into an upright position, as shown in Fig. 6, or downward into horizontal position, as illustrated in Figs. 1 and 2.

In order to prevent the stud B² from accidentally passing out of the slot E' on swinging the bed frame section B into upright or into horizontal position, use is made of a dog F fulcrumed at F' on a lug E² extending upwardly from the bracket E. The dog F is provided with a slot F² inclined in an opposite direction to the slot E', and the open ends of the slots E' and F² are in register with each other so that the stud B² should it pass out of the slot E' passes into the slot F². The dog F has a slight, upward swinging motion, that is, sufficient to raise its free end a distance above the bracket F to allow the stud B² to pass out from under the dog F when the latter is swung upward at the time it is desired to disconnect the bed spring section B from the head support A for shipping or other purposes.

The sides of the middle sections B and C are pivotally connected with each other at their adjacent ends by links G formed on the upper ends of a leg frame G' for properly supporting the said sections B and C from the floor whenever the parts are in extended position, as shown in Figs. 1 and 2. The

outer end of the middle section C is connected by pivots H with the upper ends of posts I' of a foot and seat support I adapted to travel on the floor toward or
 5 from the head support A, as hereinafter more fully explained. The rear ends of the sides of the middle section C are provided with detachable extension pieces J to which
 10 the forward ends of the sides of the foot section D are connected by pivots K. The extension pieces J engage the pivots H and their forward ends are secured by screws, bolts or other fastening devices J' to the
 15 sides of the middle section C to form a fixed part thereof. When it is desired to disconnect the sections C and D for shipping, storing or other purposes, the fastening devices J' are removed.

The foot section D is pivotally connected
 20 at each side by a link L with a link L' fulcrumed at L² on the foot and seat support I. The free end of the link L' is adapted to rest on a stud L³ held on the foot and seat
 25 support I to support the foot section D of the bed spring frame in a horizontal position and in alinement with the middle section C and the head section B, as plainly shown in Fig. 1. The top posts I' of the
 30 foot and seat support I extend a distance above the top of the said support so that the foot section D when in extended position is a distance above the top of the said foot and seat support, as plainly shown
 35 in Fig. 1, but when the parts are in folded position, as shown in Fig. 6, then the foot section D rests on the top of the foot and seat support I to provide a seat for a divan or a davenport, as plainly shown in Figs.
 40 6 and 7. It is understood that when the parts are swung into folded position the extension pieces J cause a downward movement of the foot section D so that the latter seats itself on the foot and seat support I,
 45 as above explained and shown in Figs. 6 and 7. When the parts are in the extended position shown in Figs. 1 and 2 and it is desired to move the same into a folded position to form a divan then use is made of a catch
 50 O pivoted at each side of the foot section D and adapted to be seated on the rear edge of the corresponding piece J to hold the foot section D in the angular position, as shown in Fig. 5. The user now bears down
 55 on the foot section D to cause the sections B and C to swing and the foot and seat support I to travel forward between the sides of the head support A until the parts finally reach the position shown in Fig. 6. It will
 60 be noticed that when the parts are in this folded position the section D rests on the foot and seat support I thus forming the seat for the divan, while the sections B and C extend upwardly and form the back for the divan. The catch O moves out of en-
 65 gagement with the pieces J on the parts mov-

ing into final folding position. The foot and seat support I is preferably provided with a receptacle N open at the top for the reception and storage of bedclothes and
 70 other articles.

For a davenport, the head section B is dispensed with and the middle section C forms the frame section and is pivotally connected at each side by a link P with the corresponding side of the head support A, as
 75 plainly shown in Figs. 7 and 8. The forward end of the section C is supported on a leg frame G² pivotally connected with the section C and by a link Q with the foot and seat support I to allow the sections C and
 80 D to readily swing into upright, folded position, as shown in Fig. 7, or into an extended position, as shown in Fig. 8. It is understood that when the sections C and D are in folded position, the section D forms
 85 the seat for the davenport while the section C forms the back thereof.

In the modified form shown in Figs. 9 and 10, use is made of a bed spring frame having the three sections B, C and D, the same as
 90 above described in reference to the convertible bed illustrated in Figs. 1, 2 and 6, but in this case the head section B is pivotally connected at its forward end with brackets R attached to the sides of the head support
 95 A, and on the lower ends of the said brackets R are pivoted braces S pivotally connected with the middle section C adjacent to the links G of the leg frame G'. By this arrangement the sections are guided into position
 100 when moved into folded position or into extended position, as will be readily understood by reference to Figs. 9 and 10.

The head supports A, the foot and seat support I and the leg frame G' are preferably provided with suitable casters adapted to travel on the floor.

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

1. A convertible bed spring having a bed spring frame made in pivotally connected sections, a foot and seat support on which one of the said sections is mounted to swing and the other section is adapted to be seated,
 115 and connecting means connecting the said support with the other bed spring frame section to hold the latter in raised position and in horizontal alinement with the first-named section at the time the sections are in extended position and to allow the said
 120 other section to be seated on the said support at the time it is in its lowered position and the parts are in folded position.

2. A convertible bed having a bed spring frame made in pivotally connected sections, a foot and seat support on which one of the sections is pivoted at a point spaced from the pivotal connection of the sections, and connected links of which one is pivoted on
 125 130

the said support and the other link is pivotally connected with the other outer frame section.

3. A convertible bed having a bed spring frame made in pivotally connected sections, a foot and seat support on which one of the sections is pivoted at a point spaced from the pivotal connection of the sections, connected links of which one is pivoted on the said support and the other link is pivotally connected with the other outer frame section, and a locking catch carried by the outer frame section and adapted to engage the adjacent frame section to hold the said outer section in inclined position relative to the first-named frame section.

4. A convertible bed, comprising a head support, a foot and seat support movable toward and from the said head support, a bed spring frame made in pivotally connected sections of which one is the head section and another the foot section, means pivotally connecting the head frame section with the said head support, a link connection connecting the said foot section with the said foot and seat support, and a pivotal connection between the said head frame and the said foot and seat support.

5. A convertible bed, comprising a head support, a foot and seat support movable toward and from the said head support, a bed spring frame having a head section, a middle section and a foot section, the sections being pivotally connected with each other, pivots connecting the head section with the said head support, links connecting the foot section with the said foot and seat support, and a pivotal connection connecting the said middle section with the said foot and seat support.

6. A convertible bed provided with a bed spring frame made in pivotally connected sections, a foot and seat support having front posts rising above the top of the said foot and seat support, one of the said bed spring frame sections being pivotally connected with the upper ends of the posts, and a link connection connecting the said foot and seat support with the other bed spring frame section.

7. A convertible bed provided with a bed spring frame made in pivotally connected sections, a foot and seat support having front posts rising above the top of the said foot and seat support, one of the said bed spring frame sections being pivotally connected with the upper ends of the posts and the other bed spring frame section being pivotally connected with the first-named bed spring frame section a distance in the rear of the pivot connecting the first-named frame section with the said posts, and a link connection connecting the said foot and seat support with the other bed spring frame section.

8. A convertible bed provided with a bed spring frame made in pivotally connected sections, a foot and seat support having front posts rising above the top of the said foot and seat supports, one of the said bed spring frame sections being pivotally connected with the upper ends of the posts and having rearward extensions connecting the bed spring frame sections with each other in the rear of the pivot connecting the first-named bed spring section with the said posts, and connected links of which one is pivoted on the said foot and seat support and the other is pivotally connected with the said other bed spring frame section.

9. A convertible bed provided with a bed spring frame made in pivotally connected sections, a foot and seat support having front posts rising above the top of the said foot and seat support, one of the said bed spring frame sections being pivotally connected with the upper ends of the posts and having rearward extensions connecting the bed spring frame sections with each other in the rear of the pivot connecting the first-named bed spring section with the said posts, connected links of which one is pivoted on the said foot and seat support and the other is pivotally connected with the other bed spring frame section, and a stop on the foot and seat support so disposed to limit the downward swinging motion of the said connected links, and support the section pivotally to the upper ends of the posts in parallel relation to the seat section and above the same.

10. A convertible bed provided with a bed spring frame made in pivotally connected sections, a foot and seat support having front posts rising above the top of the said foot and seat support, one of the said bed spring frame sections being pivotally connected with the upper ends of the posts and having rearward extensions connecting the bed spring frame sections with each other in the rear of the pivot connecting the first-named bed spring section with the said posts, connected links of which one is pivoted on the said foot and seat support and the other is pivotally connected with the other bed spring frame section, and a catch pivoted on the said other bed spring frame section and adapted to engage the said extension connecting the said bed spring frame sections with each other.

11. A convertible bed, comprising a head support, a foot support movable toward and from the said head support and provided at the forward end with posts extending above the top of the foot and seat support, a bed spring frame made in head, middle and foot sections, of which the head and middle sections are pivotally connected with each other and the middle section has its rear end pivotally connected with the said posts, the

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 rear end of the middle section having extensions connecting the middle section, a detachable pivot connection connecting the forward end of the head section with the said head support, and a link connection connecting the said foot and seat support with the said foot section.

12. A convertible bed, comprising a head support, a foot support movable toward and from the said head support, and provided at the forward end with posts extending above the top of the foot and seat support, a bed spring frame made in head, middle and foot sections, of which the head and middle sections are pivotally connected with each other and the middle section has its rear end pivotally connected with the said posts, the rear end of the middle section having extensions pivotally connecting the middle section with the foot section, a detachable pivot connection connecting the forward end of the head section with the said head support, a link connection connecting the said foot and seat support with the said foot section, and legs pivotally connected with the joint of the said foot and middle sections.

13. A convertible bed, comprising a head support, a bed spring frame provided at the forward end with a stud, a bracket attached to the said head support and provided with an angular slot adapted to be engaged by the said stud, and a dog fulcrumed on the said bracket and provided with an angular slot adapted to be engaged by the said stud.

14. A convertible bed, comprising a head support, a bed spring frame provided at the forward end with a stud, a bracket attached to the said head support and provided with an angular slot adapted to be engaged by the said stud, and a dog fulcrumed on the said bracket and provided with an angular slot adapted to be engaged by the said stud, the said slots being inclined in opposite directions and their open ends being adapted to register with each other.

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

LEWIS B. JEFFCOTT.

Witnesses:

THEO. G. HOSTER,
 GEORGE H. EMSLIE.