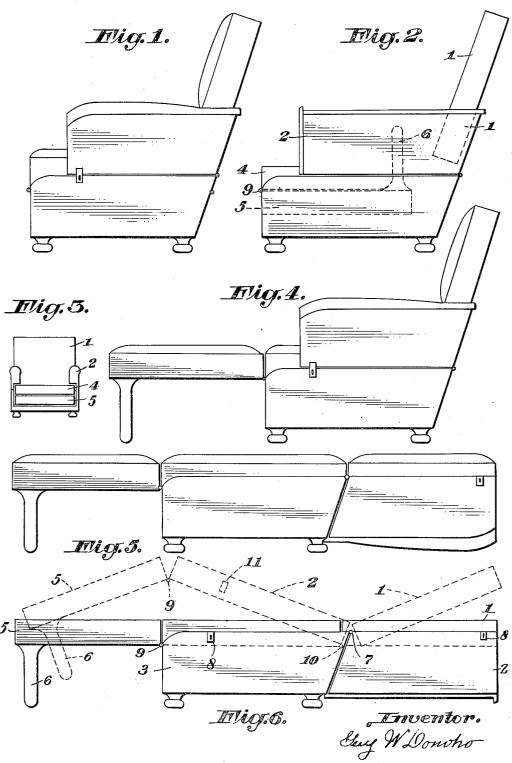
CONVERTIBLE BEDCHAIR

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CONVERTIBLE BEDCHAIR

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3 Claims. (Cl. 155-49)

This invention pertains to a chair which is convertible, by changing the positions of the several parts, to uses as a bed upon which a person may recline. Further objects and advantages of the invention will appear in the 5 course of the subjoined description, and the novelty will be shown and described and particularly pointed out in the claims.

Reference is to be had to the accompanying which similar reference characters indicate corresponding parts in all figures.

Fig. 1 is a side elevation of a chair embodying my invention. Fig. 2 is a detailed drawing along the lines of Fig. 1. Fig. 3 is a front elevation of 15 the same chair at right angles to Fig. 1. Fig. 4 is a side elevation of the chair partially extended for semi-reclining. Fig. 5 shows the chair fully unfolded and adapted to use as a bed. Fig. 6 is a detailed drawing along the lines of Fig. 5, 20 showing the process of unfolding and readjusting the various parts shown in the compact form of a chair in Fig. 2.

Of the various parts: I represents a removable back rest, held in place by suitably inclined 25 grooves in the rear inner sides of the arm rests. 2 represents the arm rests, horizontally divided from the base, except for a hinged connection 7, at the rear, permitting rearward pivotal action at or near the front. 3 represents a base, with legs at the corners thereof. 4 represents a movable seat cushion, having a hinged connection 10, along its bottom edge to the base, preferably at the rear edge of the base, and a like hinged 35 connection 9, along its front bottom edge, to a movable foot rest 5. 6 represents supports at or near the front corners of the movable foot rest 5 which, in conjunction with the hinged connection 9, maintain the foot rest at a proper 40 distance above the floor in alignment with the seat cushion 4, as shown in Figure 4, Figure 5 and Figure 6. II represents an interchangeable means of maintaining seat cushion 4 in parallel horizontal alignment above the base 3.

In converting the chair, as shown in Figure 1, to a bed, as shown in Figure 5, the back rest 1 is slid upwardly from the grooves forming a part of the rear inner structure of the arm rests 2. Figure 2 indicates the back rest I removably in- 50 serted in the arm rest grooves, with its lower end resting upon the movable seat cushion 4.

Arm rests 2 may be said to be independent of the base 3, being divided horizontally therefrom their entire length, the base 3 serving as a means 55 various parts assures the security of an equal dis-

of support to the arm rests 2, which are secured thereon, in parallel horizontal relation thereto, by a hinge-like device 7, at the rear, and a releasable fastening 8, at or near the front. Through the rearward pivotal action of the hinged connection 7, the arm rests 2 assume an inverted position, rearward of the base 3, their normally upward surfaces resting upon the floor and their normally lower surfaces forming subdrawing, forming a part of this specification, in 10 stantial supports for the back rest 1, in horizontal alignment with the seat cushion 4.

Fig. 2 shows the movable foot rest 5, in an inverted position within the base 3, the inverted foot rest supports 6 projecting upwardly into recesses provided in the arm rests 2, giving added strength and stability to the arm rests.

Through the upward pivotal action of the hinged connection 10, between the movable seat cushion 4 and the back of the base 3, augmented by the downward and forward pivotal action of the hinged connection 9, between the movable seat cushion 4 and the movable foot rest 5, the foot rest may be unfolded and extended forwardly of the base 3 into horizontal alignment with the seat cushion 4 and the back rest 1, in the formation of a bed.

To restore the structure to the form of a chair. the seat cushion 4 and the foot rest 5 are raised by lifting the foot rest from the floor and exertof the arm rests, and a releasable fastening 8, 30 ing pressure downward and backward until seat cushion 4, through the combined pivotal action of hinged connections 9 and 10, is in a vertical position permitting the foot rest 5 to swing downward and backward on the hinged connection 9 into vertical parallel alignment with the seat cushion 4. Combined seat cushion 4 and foot rest 5, through the pivotal action of the hinged connection 10, are moved forward and downward until the foot rest is concealed within the lower portion of the base 3, and seat cushion 4 rests upon the upper portion of the base. The inverted arm rests 2 are then moved upwardly and forwardly, by means of the pivotal action of the hinged connection 7, finally resting upon the base 3, and are secured thereto, at the front, by the releasable fastening 8. Sliding the back rest I into the grooves in the rear inner surfaces of the arm rests 2 completes the operation.

I have found the convertible bed-chair described in the foregoing specification to be practical and useful for the purposes for which it is designed. As a chair, it is compact and, by reason of its conventional lines, not distinguishable from any other chair; as a bed, the disposal of the tribution of weight possible only if all weightcarrying portions rest upon the floor.

Having given this description of my invention, I desire to secure by Letters Patent:

1. In a convertible bed-chair, in combination, a base, arm rests supported upon said base and pivoted along their rear bottom edges to said base for rearward pivotal movement into position rearwardly of said base and in horizontal alignment therewith, means releasably securing said arm rests to said base against rearward pivotal movement; a back rest, sockets in said arm rests removably receiving said back rest; a seat cushion, pivoted along its rear bottom edge to said base for upward pivotal movement, and interengageable means on said seat cushion and said base forwardly of said seat pivot for maintaining said seat cushion in horizontal relation upon said base; a foot rest, inverted within the bottom of said base, and pivoted to the forward bottom edge of said seat cushion for forward pivotal movement into position forwardly of said seat cushion; means on said foot rest for supporting said foot rest above the floor in horizontal alignment with forwardly of said seat cushion; said back rest being removed from said arm rests and supported upon the inverted arm rests when said arm rests are moved into rearward position to form a portion of a bed in alignment with said seat.

2. In a convertible bed-chair, in combination, a base, arm rests supported upon said base and pivoted along their rear bottom edges to said base for rearward pivotal movement into position rearwardly of said base and in horizontal alignment therewith, means releasably securing said arm rests to said base against rearward pivotal movement; a back rest, sockets in said arm rests removably receiving said back rest; a seat cushion, pivoted along one of its side bottom edges to said base for upward pivotal movement, and interengageable means on said seat cushion and said base, in opposite conjunction with said seat

pivot, for maintaining said seat cushion in horizontal relation upon said base; a foot rest, inverted within the bottom of said base, and pivoted to the forward bottom edge of said seat cushion for forward pivotal movement into position forwardly of said seat cushion; means on said foot rest for supporting said foot rest above the floor in horizontal alignment with said seat cushion when extended into position forwardly of said seat cushion; said back rest being removed from said arm rests and supported upon the inverted arm rests when said arm rests are moved into rearward position to form a portion of a bed in alignment with said seat cushion.

3. In a convertible bed-chair, in combination, a base, arm rests supported upon said base, said arm rests being joined at their rear ends above said base and pivoted along their rear bottom edges to rear of said base for rearward pivotal movement into position rearwardly of said base and in horizontal alignment therewith, means releasably securing said arm rests to said base against rearward pivotal movement; a back rest, sockets in said arm rests removably receiving said seat cushion when extended into position 25 said back rest; a seat cushion, pivoted along its rear bottom edge to said base for upward pivotal movement, and interengageable means on said cushion, said arm rests and said base forwardly of said seat pivot for maintaining said seat cushion in horizontal relation upon said base; a foot rest, inverted within the bottom of said base, and pivoted along its inverted forward edge to said seat cushion for forward pivotal movement into position forwardly of said seat cushion; means on said foot rest for supporting said foot rest above the floor in horizontal alignment with said seat cushion when extended into position forwardly of said seat cushion; said back rest being removed from said arm rests and supported upon the inverted arm rests when said arm rests are moved into rearward position to form a portion of a bed in alignment with said seat. GUY W. DONOHO.