No. 893,095. PATENTED JULY 14, 1908.

O. L. PETERSON.

CONVERTIBLE CHAIR.

APPLICATION FILED MAR. 4, 1907.

2 SHEETS—SHEET 1.

FIG. 1.

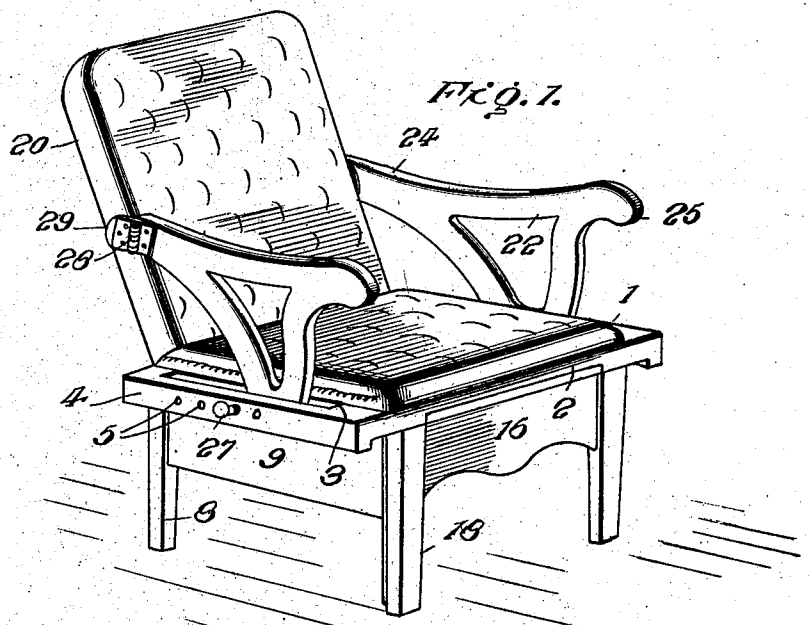
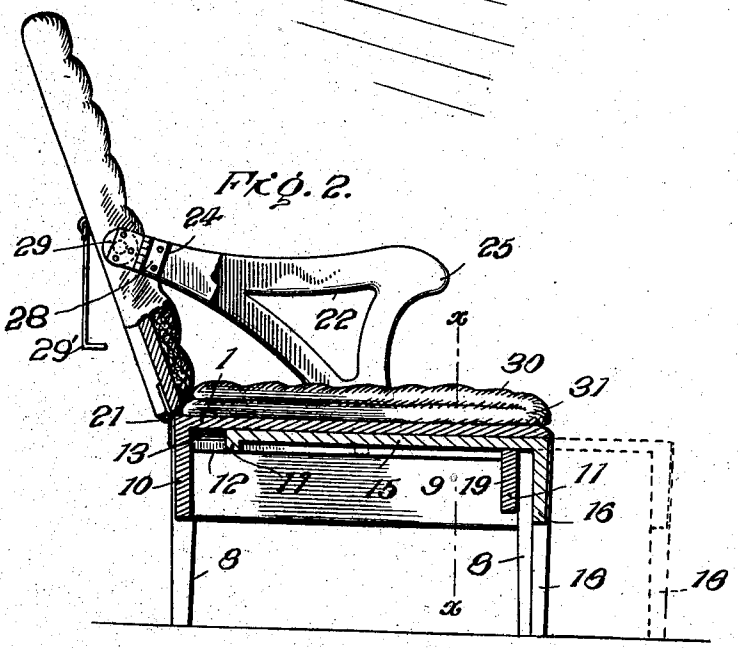


FIG. 2.



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2 SHEETS—SHEET 2.

FIG. 3.

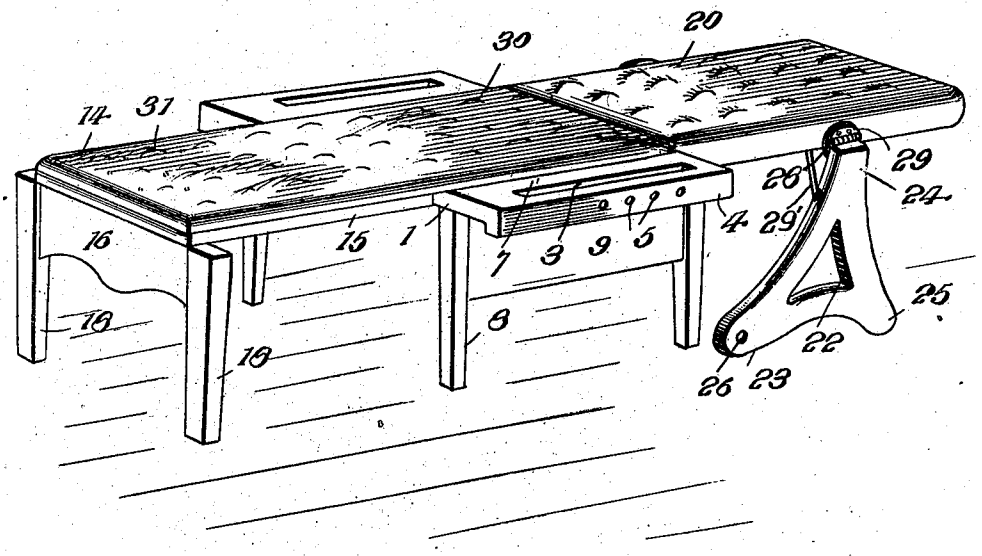
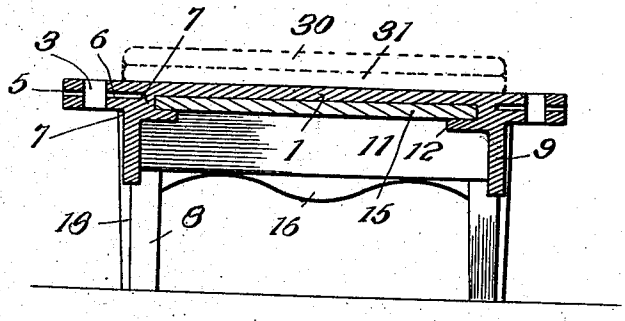


FIG. 4.



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UNITED STATES PATENT OFFICE.

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CONVERTIBLE CHAIR.

No. 893,095. Specification of Letters Patent. Patented July 14, 1908.

Application filed March 4, 1907. Serial No. 360,337.

To all whom it may concern:

Be it known that I, OLOF L. PETERSON, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Convertible Chairs, of which the following is a specification.

The invention relates to an improvement in convertible chairs and particularly to that class in which the chair is adapted to be transformed into a couch or bed.

The main object of the invention is the production of a structure of the class described which, while possessing the advantages of an adjustable, extension reclining chair of the "Morris" type, shall be adapted, without the aid of any supplemental apparatus, to be quickly and easily converted into a bed or couch and as easily and quickly reconverted into a chair which, as such, does not disclose its adaptability to be used as a couch.

Another object is to provide a convertible chair, comprising few parts of simple construction, so arranged that when the structure is adjusted for use as a bed or the like that said bed will be stable and firm throughout its entire length, thus overcoming a weakness common to structures of this kind wherein the parts, due to the requirements of convertibility, are generally so constructed that when the article is adjusted to its supplemental use, it is unstable and weak at some point.

The invention will now be described in the following specification and then particularly pointed out in the claims, reference being had to the accompanying drawings, in which:—

Figure 1 is a perspective of my invention adjusted for use as a chair. Fig. 2 is a central vertical section, partly in elevation, of the same. Fig. 3 is a perspective illustrating the structure adjusted for use as a couch or bed, and Fig. 4 is a transverse section taken on line x—x of Fig. 2 looking toward the front of the chair.

Referring now to the drawings, in which like reference numerals refer to like parts throughout the several views, 1 denotes the seat of the chair, beveled on its front edge 2. Near its side edges the seat is cut out to form arm-receiving slots 3, in the outer wall 4 of which is formed a series of apertures 5 extending through said wall and in alinement with a like series of apertures 6, similarly spaced, formed in the inner wall 7 of said slot.

8 denotes the chair legs, of any usual or preferred form, braced by side rails 9, rear rail 10, and the front rail 11, the latter attached at its ends to said side rails and spaced from the seat, for a purpose to be hereinafter described. Supporting members 12, formed integral with the side rails, are rigidly attached to the rear and front rail and are spaced from the seat the same distance as the latter, their rear ends underlying strip 13, attached to the seat and extending the width of the same between the side rails.

14 represents an extensible foot-rest, comprising the body-portion 15, adapted for sliding connection with the chair proper, front rail 16, retaining flange 17, and legs 18, the latter being of such construction that when the foot-rest is in its most retracted position, they will snugly fit beneath the front edge of the seat, thus avoiding unsightly and annoying projections and at the same time providing supplemental support for the chair body. The body-portion 15 is of such thickness as to readily pass between the seat 1 and front rail 11 by which it is transversely supported, and of such width as to overlie supporting members 12 by which it is supported lengthwise, said front rail and supporting members, in conjunction with said rails 9, effectively guiding the foot-rest in its movement to any desired adjustment, as will be obvious. The flange 17 depends from the foot-rest near the rear end thereof and, when the foot-rest is pulled forward to its extreme limit of movement, abuts the inner wall 19 of front rail 11, thus preventing accidental disengagement of said foot-rest from the body of the chair.

20 represents the chair back, preferably upholstered, and provided with hinge connection with the chair body, as at 21, to permit the adjustment of the chair back to varying degrees of inclination with relation to the chair seat.

22 denotes the arms of the chair, comprising broadened end portions 23, 24, and 25, joined by inwardly-curved intermediate portions, as illustrated, that portion between ends 24 and 25 serving as the customarily-shaped arm-rest when the structure is used as a chair and end portions 23 and 25 serving as bearing points for the arm-structure when it is used to support the lowered back of the article when it is being used as a bed or couch.

The end 23 of the arm is provided with aperture 26, designed, when the device is being used as a chair and said arm is inserted in slot 3, to aline with apertures 6 and 7, a pin 27 being adapted to engage said alined apertures and securely hold the arms in desired adjusted position. The rear ends of the arms are connected by hinges 28 to pivot-plates 29, attached to the edges of the chair-back in such manner as to allow free revolution of said plates. Catches 29′, removably attached to the chair-back, and provided with hook ends for insertion in apertures in the bottom edges of the arms, are adapted to hold said arms securely in desired position when the device is used as a couch.

30 represents one section of seat upholstering of usual cushion form, 31 denoting a similar section integral with and resting, when in normal position, upon said section 30, and adapted, when the structure is to be used as a bed, to be turned over and rest upon the extended foot-rest, thus affording a mattress of usual unbroken surface.

In operation, assuming that the article is being used as a chair and it is desired to convert the same into a couch, pins 27 are removed, the hinged arms thus released are folded over, while at the same time the chair-back is allowed to drop to lowered position until the arms 22 rest upon the floor in position to support the chair-back, a situation which, due to the construction and relative proportions of said arms and the rest of the structure, they will assume without any further manipulation. The foot-rest is now extended as far as desired and the upper section of seat cushion turned over upon it, thus providing the desired couch and mattress.

From the foregoing it will be apparent that I have provided a structure embracing, as a chair, all the desirable features of such, including an adjustable back, the usual curved arm-rests, extensible foot-rest, ornamental appearance, etc. and at the same time adapted to be converted, quickly and easily, into a stable, well-supported bed or couch equipped with mattress.

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

A convertible chair comprising a seat formed adjacent its side edges with longitudinally disposed slots, the walls of which have alined apertures, a back hinged to the seat, arms having hinged and pivotal connection with the back, the forward ends of the arms being adapted to fit in the slots in the seats and being each formed with an aperture, and pins removably seating in the apertures in the slot walls and passing through the apertures in the arms.

In testimony whereof I have affixed my signature, in presence of two witnesses.

OLOF L. PETERSON.

Witnesses:

F. C. MENAMIN,

MOLLIE A. MENAMIN.