(No Model.)

A. B. ALBERT.

FOLDING CHAIR.

No. 407,714. Patented July 23, 1889.

Fig. 1.

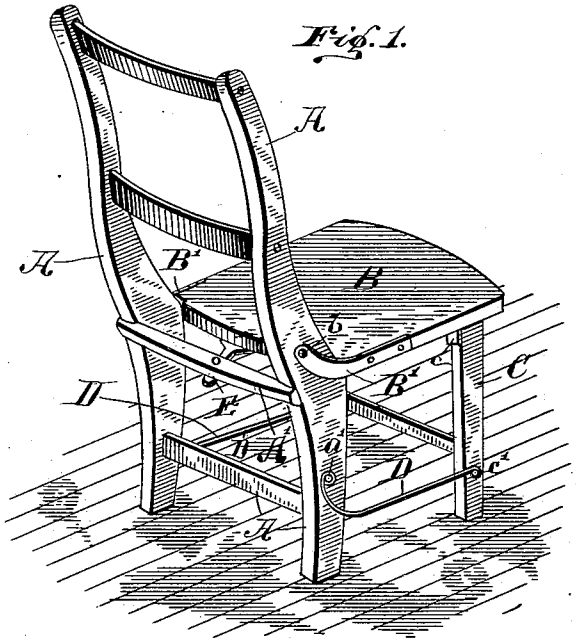


Fig. 2.

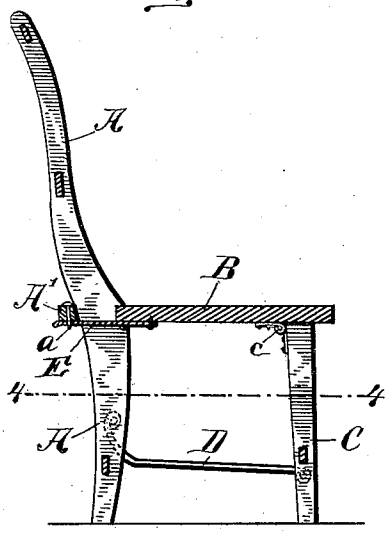


Fig. 3.

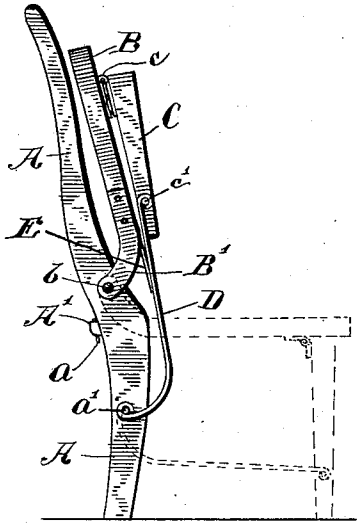
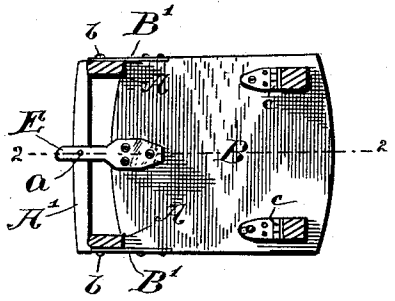


Fig. 4.



WITNESSES.

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INVENTOR.

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

AARON B. ALBERT, OF INDIANAPOLIS, INDIANA, ASSIGNOR OF TWO-THIRDS TO AUGUSTUS S. KNAPP AND CHARLES STEVESON, BOTH OF SAME PLACE.

FOLDING CHAIR.

SPECIFICATION forming part of Letters Patent No. 407,714, dated July 23, 1889.

Application filed December 4, 1888. Serial No. 292,586. (No model.)

To all whom it may concern:

Be it known that I, AARON B. ALBERT, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Folding Chairs, of which the following is a specification.

The object of my said invention is to produce a simple, durable, and economical folding chair. This object is accomplished by the construction and arrangement of parts, hereinafter more fully described and claimed.

Referring to the accompanying drawings, which are made a part hereof, and on which similar letters of reference indicate similar parts, Figure 1 is a perspective view of a chair embodying my invention; Fig. 2, a central vertical section of the same; Fig. 3, a side elevation thereof when the chair is folded up, and Fig. 4 a horizontal sectional view looking upwardly from the dotted line 4 4 in Fig. 2.

In said drawings, the portion marked A represents the back or rigid portion of my improved chair, including the rear legs; B, the seat; C, the front legs; D, rods connecting the front and rear legs, and E a catch which locks the chair in position for use.

The back A is much the same as the similar portions of any ordinary chair. It, however, has a cross-bar A′, which serves both as a strengthening bar or rail and to carry the engaging-pin *a* for the catch E.

The seat B has curved hinge-bars B′, which extend back to alongside the back A, to which they are secured by pivots *b*, said curved hinges permitting the seat to be folded closely to the back, as will be readily understood.

The front legs C are hinged to the seat B by hinges *c*. They are also connected to the rear legs A by the connecting-rods D, as will be presently described.

The rods D connect the legs A and C, being secured to the former by pivots *a′*, which are located somewhat in advance of the pivot *b*, and to the latter by pivots *c′*. They are curved at the rear end, as shown, which enables them, in connection with the relative location of the pivot, to serve as supports or braces when the chair is folded up in the position shown in Fig. 3, the pivots *a′* being in advance of the center of gravity when in this position.

The catch E is preferably a piece of flat spring metal, and is secured at a central point to the rear side of the seat B. It extends out under the bar A′, and is provided with a hole which engages with the pin *a* on said bar. When these parts are in engagement, as shown by Figs. 1, 2, and 4, the structure is firmly held in position for use.

As will be noticed, all the parts in this construction are plain and simple, and the chair so produced is therefore inexpensive and durable.

I am aware that the seats of folding chairs have been hinged to the frame constituting the back and rear legs by an angle-iron hinge connected to the pivots by slots, and formed with a notch in one end to engage with projecting parts on the frame and to lock the chair in open position; and I am also aware that a spring-catch has been attached to the chair-bottom and arranged to engage with a part on the frame.

I therefore do not claim the construction, broadly, but limit myself to the particular form and arrangement of parts herein shown and claimed, by which the chair is rendered simple, cheap, and very rigid and durable, as described.

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

The combination of the back A, having the cross-bar A′, the engaging-pin *a*, depending from said cross-bar, the seat B, hinged to the side pieces of the back A by the curved hinge-bars B′, the front leg C, hinged to the seat by the hinges *c*, the connecting or brace rods D, secured to the front legs on the pivot-pins *c′* and to the rear legs on the pivot-pins *a′*, as shown, said pins *a′* being located in advance

of the pins *b* of the hinge-bars B′ and also in advance of the center of gravity when the seat is folded up, and the spring-catch E, secured to the rear edge of the seat B, and arranged to engage with the catch-pin *a* in the cross-bar A′ when the seat is turned down, all substantially as described, and for the purposes specified.

In witness whereof I have hereunto set my hand and seal, at Indianapolis, Indiana, this 29th day of November, A. D. 1888.

AARON B. ALBERT. [L. S.]

Witnesses:
C. BRADFORD,
JOSEPHUS FELTON.