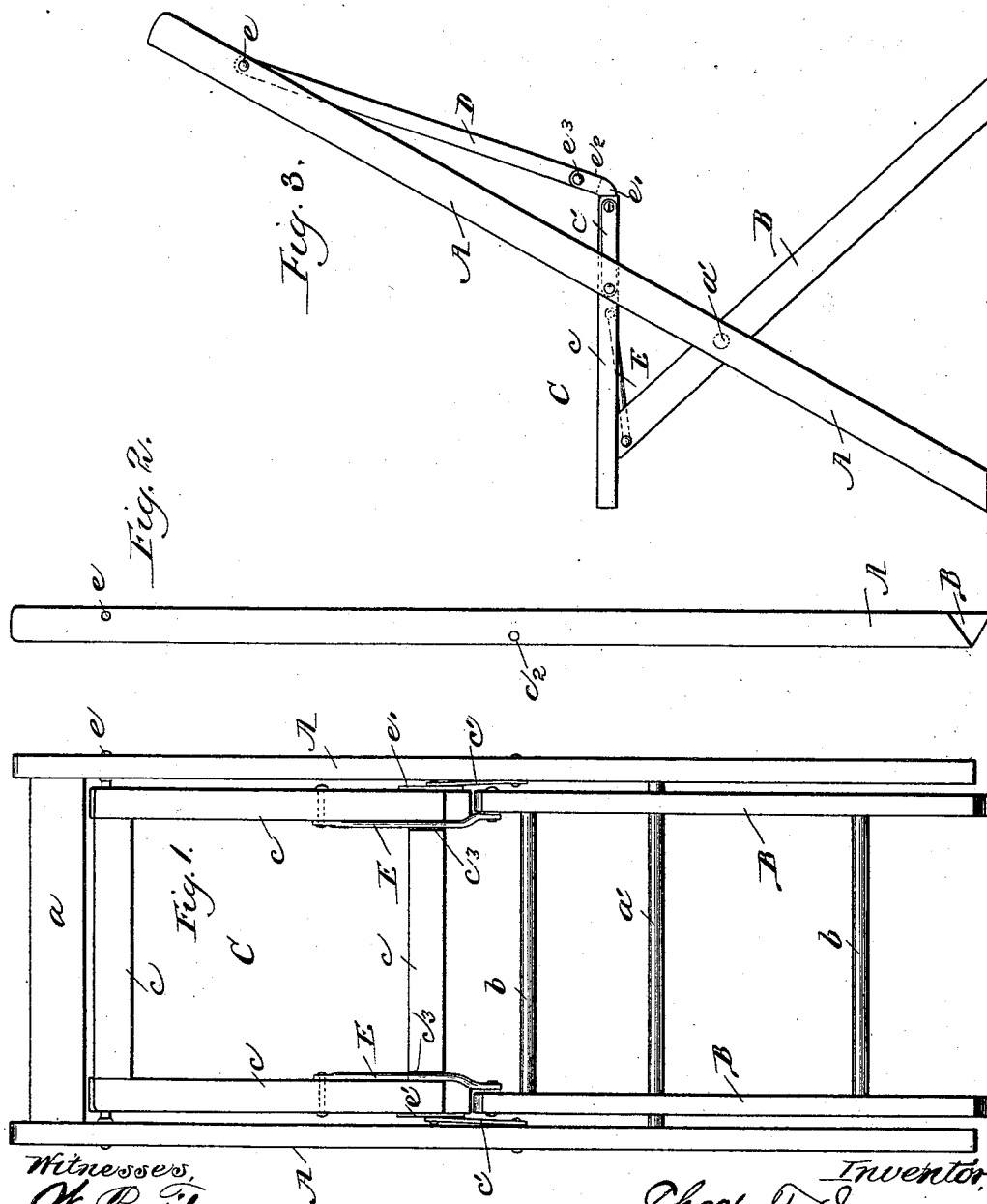


(No Model.)

C. T. SEGAR.
FOLDING CHAIR.

No. 465,500.

Patented Dec. 22, 1891.



Witnesses,
H. P. Smith
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Att'y.

UNITED STATES PATENT OFFICE.

CHARLES T. SEGAR, OF KENOSHA, WISCONSIN.

FOLDING CHAIR.

SPECIFICATION forming part of Letters Patent No. 465,500, dated December 22, 1891.

Application filed August 10, 1891. Serial No. 402,244. (No model.)

To all whom it may concern:

Be it known that I, CHARLES T. SEGAR, of Kenosha, in the county of Kenosha and State of Wisconsin, have invented certain new and useful Improvements in Folding Chairs, of which the following is a specification.

My invention relates to a folding chair composed of a straight frame, folding legs, a folding seat, and a folding back, the object being to so connect and support the folding legs, seat, and back upon such frame as to cause them to lie compactly within the compass of the frame when folded and to assume when extended the proper relative inclinations to the frame to make the same stand upon the floor with the back at the proper angle relatively to the seat to support the occupant in an easy posture. This object I have attained in such chair, having its parts arranged and connected as illustrated in the accompanying drawings, in which—

Figure 1 is a front elevation of the chair folded. Fig. 2 is a side or edge elevation showing the chair folded, and Fig. 3 is a side or edge elevation showing the same extended ready for use.

In the drawings, A designates the frame, made of two plain straight side pieces secured together at the top by a cross-piece *a* and below the middle by a rung *a'*.

B designates the folding legs, which are pivoted upon the rung *a'*, so as to turn thereon, and connected near the top and bottom by rungs *b*.

C is a seat, which is composed of the outer pieces *c*, secured together at the corners, so as to keep the central pieces or slats in place together to form the bottom.

D is the back, which is of similar construction to the seat. The back is pivoted at its upper edges on both sides to the frame A, the pivoted connections being located near the rear edges of the side rails of the frame, as shown at *e*, so that the back can swing out and in, turning on the pivot, and when in will occupy the rear half of the depth of said side rails. The seat at the rear and on each side is provided with a metallic piece *e'*, secured by rivets and curved upward, as shown at *e''*, Fig. 3. To these upwardly-curved parts of said metallic pieces the lower end of the back is pivotally secured by means of a rivet *e'''*, one on each side.

The seat is connected with the frame by a link *c'* on each side, pivoted at one end to the edge of the seat by a rivet and at the other end to the frame, the pivotal points on the frame being located near the front edge of the side pieces, as at *c''*, at the edge opposite to that having the connection *e* of the back with the said frame. By this arrangement and these connections the seat is caused to fold upon the back and to lie within the compass of the front part of the frame, while the back is caused to swing in at the bottom and occupy a corresponding place in the rear part of the frame. The seat is connected, also, with the folding legs by means of rods E, which are pivoted at one end to the seat and at the other end to the upper end of the legs, there being recesses *c'''* in the under side of the adjacent piece *c* for said rods to fit into when the seat is folded, so that they will not then project outside the plane of the frame.

When folded, the back and seat lie folded together within the upper part of the frame and the legs turn into the lower part of the same, thus making the legs, seat, and back when folded lie wholly within the compass of the straight frame.

When pulling down the seat in unfolding the chair for use, the links *c'* automatically throw the lower edge of the back out and the rods E throw the legs forward, thereby bringing the back into the proper angle with the seat and the legs into their working position.

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

The combination, with the frame, of a back pivoted at its top between the side rails of said frame, a seat pivoted to the lower edge of said back, a link on each side pivoted at one end to the rear of said seat and at the other end to the side rails of said frame, legs pivoted to the rung of said frame, and a rod on each side pivoted at one end to the upper end of said legs and at the other to said seat, said back, seat, legs, links, and rods being adapted to fold and lie within the compass of said frame and to be extended, as specified.

CHARLES T. SEGAR.

Witnesses:

PETER FISHER,
RICHARD F. HOWE.