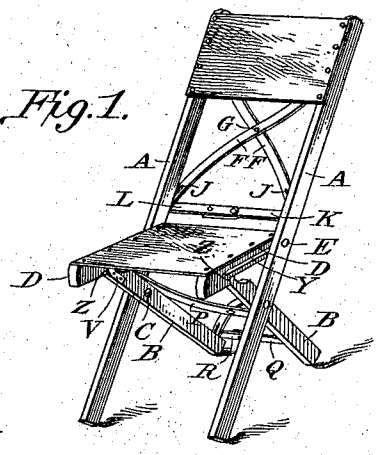
No. 815,507. PATENTED MAR. 20, 1906.

W. A. BRADLEY.

FOLDING CHAIR.

APPLICATION FILED NOV. 17, 1904.

Fig. 1.



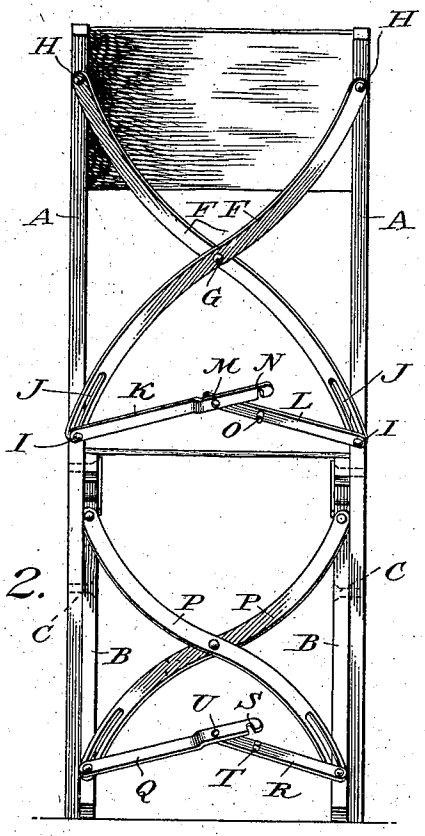


Fig. 2.

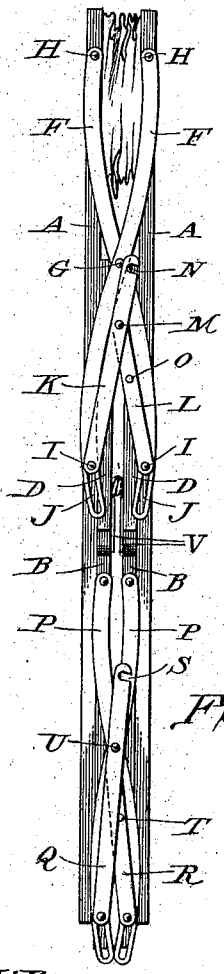


Fig. 3.

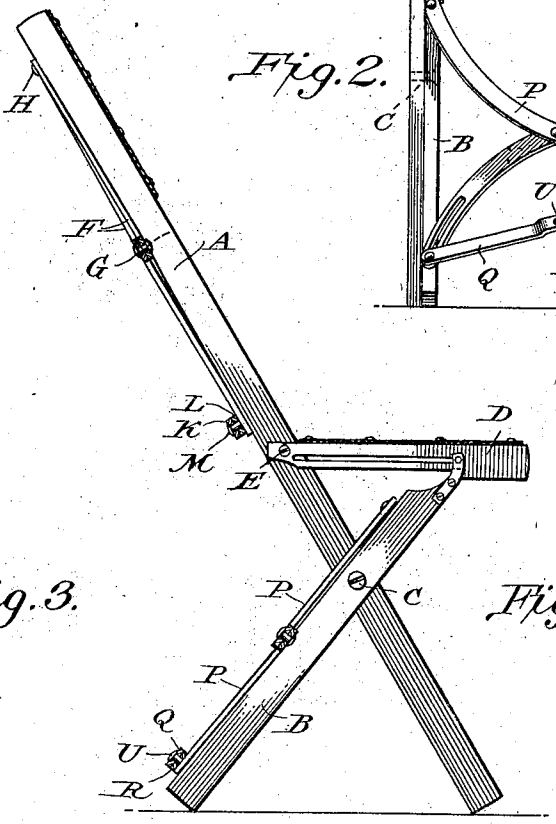


Fig. 4.

Witnesses:

Albert F. Swanson

Joseph A. Stephens

Inventor,

William A. Bradley

UNITED STATES PATENT OFFICE.

WILLIAM A. BRADLEY, OF CHESTERTON, INDIANA.

FOLDING CHAIR.

No. 815,507. Specification of Letters Patent. Patented March 20, 1906.

Application filed November 17, 1904. Serial No. 233,232.

To all whom it may concern:

Be it known that I, WILLIAM A. BRADLEY, a citizen of the United States, and a resident of Chesterton, in the county of Porter and State of Indiana, (my post-office address being Chesterton, Indiana,) have invented new and useful Improvements in Folding Chairs, which improvements are fully set forth in the following specification, reference being had to the accompanying drawings.

The object of my invention is to produce a folding chair which can readily be folded together in two directions, so that the same when folded will occupy a very small space and when open will be a firm strong chair and so constructed that the process of folding and opening the same is easily and quickly accomplished.

Figure 1 is a perspective view of the chair opened. Fig. 2 is a rear view of the chair partly folded. Fig. 3 is a corresponding view showing the chair completely folded, and Fig. 4 is a vertical sectional view through the center of Fig. 1.

Similar letters refer to the same or similar parts throughout the several views.

A A in all the figures are two rigid bars of wood or metal, which are the principal part of the framework of the chair.

B B in all the figures are two rigid bars, similar to A A, but shorter, and attached to A A by pivoted joints at C C.

D D are seat-bars and are similar to A A and B B and have one end attached to A A by pivoted joints E E and are placed at a convenient height for sitting and are also supported by the ends of B B, upon which they rest.

A A are fastened together and are kept parallel to each other by means of curved slotted braces F F, which are pivoted together near the middle points at G G and have their upper ends attached to A A by pivoted joints H H and their lower ends slotted and attached to A A by the pivots I I, which slide freely in the slots J J.

K L are two members of a folding brace which are pivoted together at M and also pivoted to A A by the pivots I I, N being a notch in K, which hooks over a stud O on L and when so hooked or locked makes the cross-braces F F firm and rigid.

P P are curved slotted braces precisely like F F and control B B in precisely the same manner as F F controls A A.

Q R are the members of a folding brace precisely like K L and having a notch in Q at S, locking over a stud T in R and folding on U.

The folding braces K L and Q R work in unison and govern the curved slotted braces F F and P P and when folded on their pivots M and U allow A A and B B to fold together tightly, as shown in Fig. 3, and when said folding braces are open and extended and the notches N and S are locked or hooked over the studs O and T the framework of the chair is open and forms a firm and solid chair, as shown in Fig. 1.

B B support the seat-bars D D and are attached thereto by pieces of metal V V, having a pin working in slots Y Y when the chair is opened and closed, and the upper ends of B B rest against notches Z Z when the chair is open, and thus support the seat-bars D D and give the seat great strength.

The seat and back of the chair are made of canvas, leather, or any other strong pliable material.

To fold the chair, lift the braces K L and Q R, which fold on their pivots M and U and press A A and B B together, and to fold in the other direction lift the seat-bars D D till they are parallel with A A, when B B, being attached thereto by the pins X X, working in slots Y Y and moving in unison with D D, will also be parallel to A A, when the chair will be folded tightly together, as shown in Fig. 3.

My invention is an improvement on the style or kind of folding chairs in which two wood or metal bars form the principal part of the framework of the back of the chair, and the lower part of said bars or posts form two of the legs of the said chair, and two other similar but shorter bars attached to said back bars or posts by pivoted joints form the support for the seat and also the other two legs of the chair.

I claim as my invention—

In a folding chair, the combination of two sets of cross pivoted legs, each set of legs consisting of parallel members, a pair of cross pivoted braces connecting the parallel members of each set, each member of said cross-braces pivotally connected to one of the par-

allel members at one end and having slot-and-pin connections with one of the said parallel members at the other end, a second pair of braces connecting the said parallel members of each set, said second pair of braces having pivotal connection with the parallel members at one end and having interlocking and pivotal engagement with each other at the other end.

WILLIAM A. BRADLEY.

In presence of—
ALBERT T. SWANSON,
CHAS. E. HILLSTROM.