No. 719,908. PATENTED FEB. 3, 1903.

A. D. TRUESDELL.

FOLDING CHAIR.

APPLICATION FILED JULY 3, 1902.

NO MODEL.

FIG. 1.

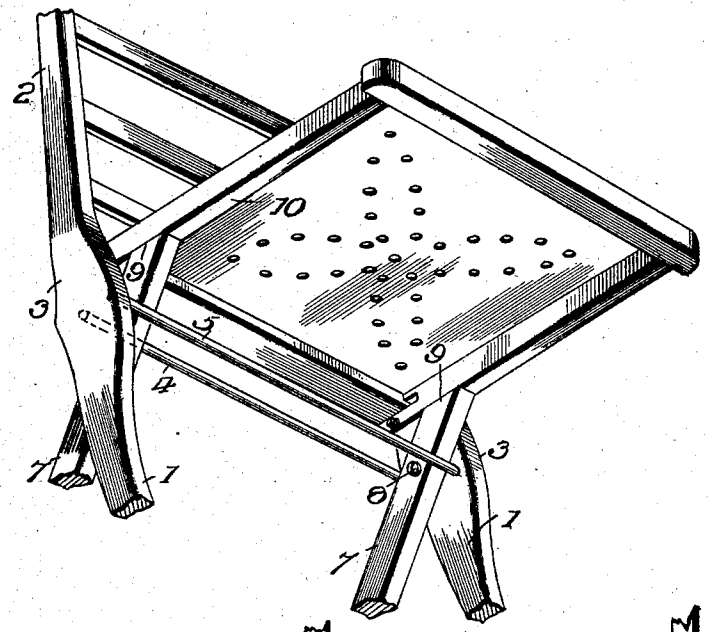
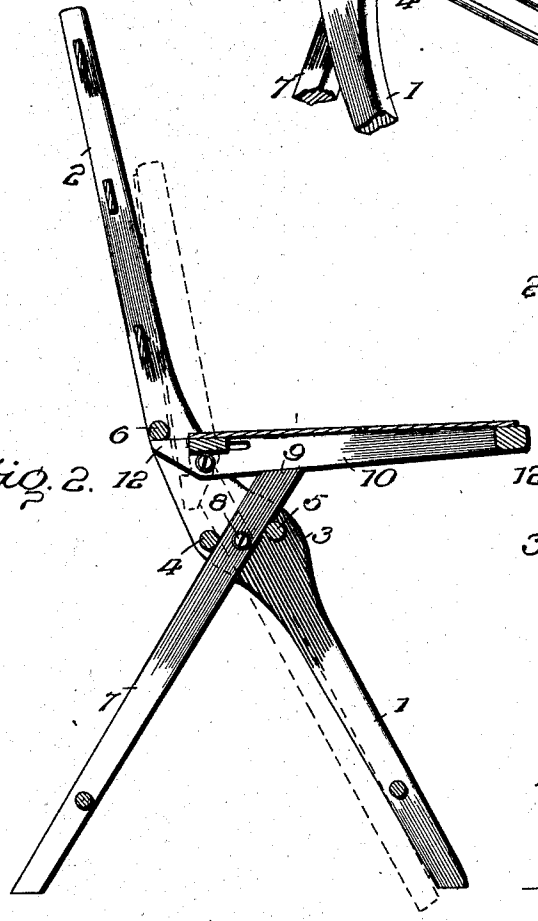


FIG. 2.



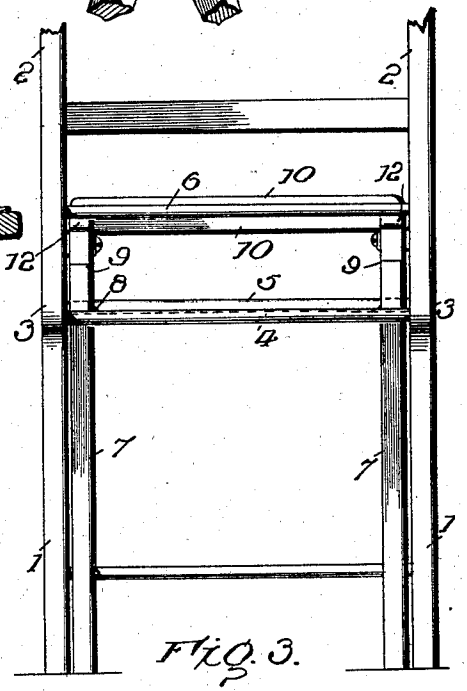


FIG. 3.

Inventor

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Witnesses

Geo. Knight

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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

ALLISON D. TRUESDELL, OF WARREN, OHIO.

FOLDING CHAIR.

SPECIFICATION forming part of Letters Patent No. 719,908, dated February 3, 1903.

Application filed July 3, 1902. Serial No. 114,238. (No model.)

To all whom it may concern:

Be it known that I, ALLISON D. TRUESDELL, of Warren, in the county of Trumbull and State of Ohio, have invented certain new and useful Improvements in Folding Chairs; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The object of this invention is to utilize the cross-rods by which the parallel side pieces of the front and rear legs are held in fixed relation for taking up the weight.

A further object is to so construct the rear legs and seat that they may be compactly folded.

The invention will be hereinafter fully set forth, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a view in perspective of a chair constructed in accordance with my invention. Fig. 2 is a vertical sectional view showing in dotted lines the positions of the parts when folded. Fig. 3 is a rear elevation.

Referring to the drawings, the front legs are composed of two parallel pieces 1, forming parts or continuations of the sides of the back 2, said legs at the widened portion 3 being braced or connected together by cross-rods 4 and 5, a third cross-rod 6 being located on a plane considerably above that of the cross-rods first mentioned.

The rear legs 7 are pivoted at 8 to the front legs between the parallel cross-rods 4 and 5, said legs being extended beyond their pivots and beveled at 9 to form stops for the pivoted seat 10. The side bars of this seat are extended rearwardly of the pivots, so that when the seat is lowered onto the upper ends of the rear legs the rearwardly-extended portions 12 of said side bars will bear up against the cross-rod 6, which latter takes the weight of the seat. These ends 12 are beveled, so that when the seat is raised the rear legs may be folded in and their beveled ends caused to fit against the bevels of the side bars.

The rear legs when extended rearwardly at their lower ends so project between the cross-rods 4 and 5 that they contact with both of the latter, said cross-rods forming stops for the rear legs and taking the weight thereon.

It will be noted that by my invention the weight upon the chair is distributed between cross-rods 4, 5, and 6, the former two supporting the legs when the chair is opened and rod 6 serving to support the seat. Thus the seat-support is in reality independent of the means by which the legs are supported, and although it is designed, as before stated, that the seat shall rest upon the forward extensions of the rear legs, yet it is obvious that by the means described the strain upon cross-rods 4 5 is materially lessened. In addition to their function of taking up the weight on the legs and seat cross-rods 4, 5, and 6 also serve to hold the side pieces of the chair in fixed relation.

I claim as my invention—

1. A folding chair comprising two side pieces forming the front legs and sides of the back, two cross-rods arranged in an approximately horizontal plane connecting said side pieces, and a third cross-rod located on a plane above the two before mentioned, the rear legs pivoted to said side pieces at points between said former cross-rods and projected beyond the latter, the forward ends of said rear legs being beveled, the seat-section pivoted to said side pieces at points near the ends of its side bars, which ends of said side bars are designed to engage the under side of said third cross-rod, substantially as set forth.

2. The combination with the side pieces forming the front legs and sides of the back, of the two cross-rods arranged in an approximately horizontal plane connecting said side pieces, and a third cross-rod located on a plane above the two former cross-rods, the rear legs pivoted near their upper ends at points between said former cross-rods against which they are designed to bear when extended at their lower ends, the upper ends of said rear legs being beveled, the seat-section, and side bars therefor beveled at their inner ends and pivoted to said side pieces, said ends of said side bars being designed to bear against said third cross-rod when the seat is lowered, and to register with the beveled ends of the rear legs when the latter and the seat are folded, substantially as set forth.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

ALLISON D. TRUESDELL.

Witnesses:

FRANK S. CHRYST,

A. H. BARBE.