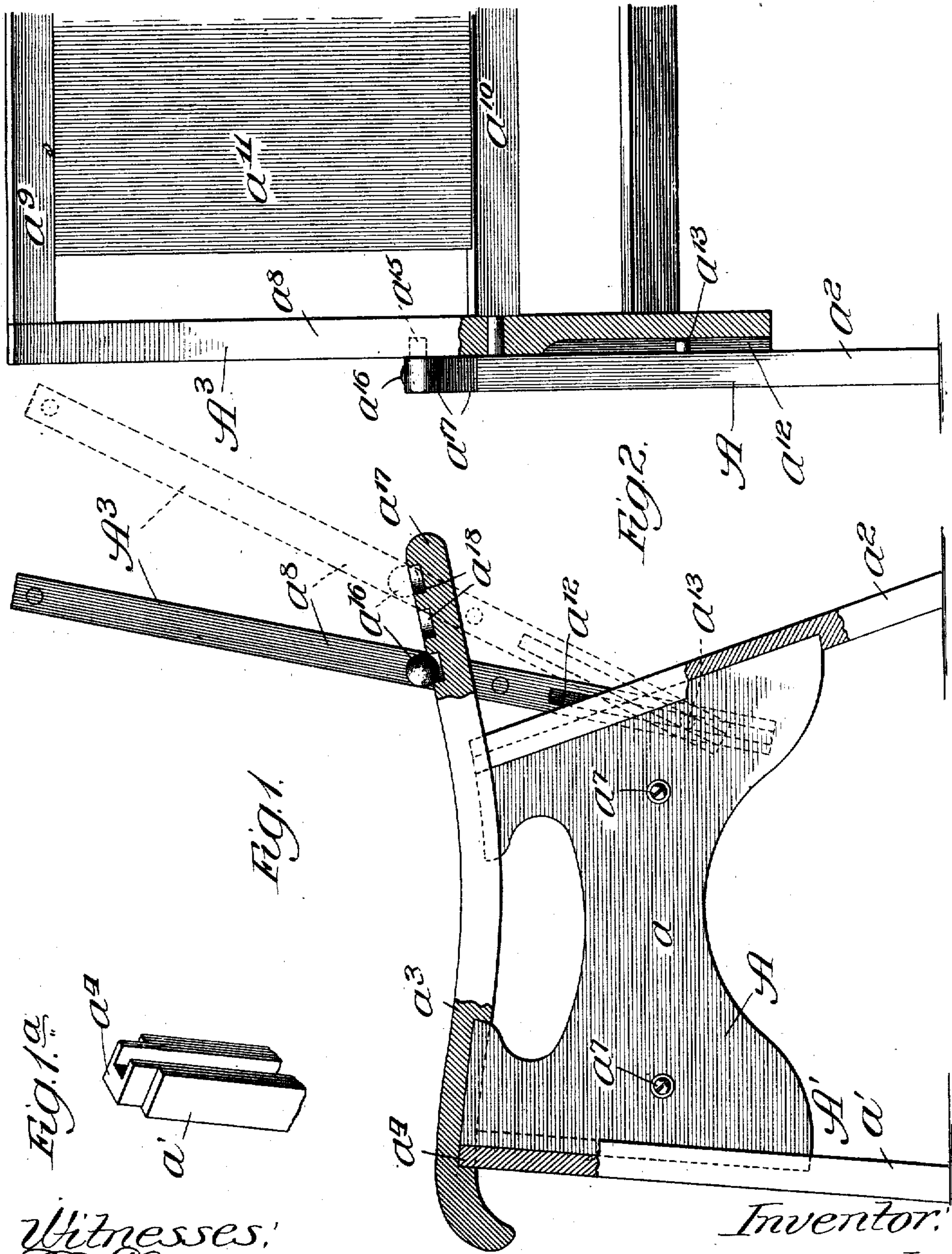


J. J. SHERMAN, JR.
 CHAIR.
 APPLICATION FILED MAR. 11, 1907.

Patented Feb. 23, 1909.
 2 SHEETS—SHEET 1.

913,062.



Witnesses:
Ed. Gaylard.
John Enders.

Inventor:
John J. Sherman Jr.,
By Dyrenforth, Dyrenforth, Lee & Wiles,
Attys.

UNITED STATES PATENT OFFICE.

JOHN J. SHERMAN, JR., OF CHICAGO, ILLINOIS.

CHAIR.

No. 913,062.

Specification of Letters Patent.

Patented Feb. 23, 1909.

Application filed March 11, 1907. Serial No. 361,750.

To all whom it may concern:

Be it known that I, JOHN J. SHERMAN, Jr., a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Chairs, of which the following is a specification.

My invention pertains particularly to chairs which may be readily knocked down for shipping purposes, although features of the invention are applicable to chairs generally.

My primary object is to provide a chair of the character indicated of exceedingly simple, durable and cheap construction.

The invention is particularly useful in connection with chairs for children, and such a chair is illustrated in the accompanying drawings, in which—

Figure 1 is a side elevational view of a chair, with certain parts in section, constructed in accordance with my invention; Fig. 1^a, a broken perspective view showing the upper portion of a leg constituting a part of one of the side members of the chair; Fig. 2, a broken rear elevational view, with a part in section, of said chair; Fig. 3, a broken longitudinal section of the chair; and Fig. 4, an inner view of a side member of a chair of modified construction, said side being shown partly in section.

In the construction shown in Figs. 1 to 3 inclusive, the chair comprises sides A, A¹; a seat A² detachably connected with said sides; and a back A³ detachably connected with the sides. Each of the sides A, A¹ comprises a board *a* of suitable configuration; legs *a*¹, *a*² having kerfs cut therein and receiving the upright edges of the board *a*; and an arm *a*³ having kerfs cut therein and receiving the upper edge-portion, or edge-portions, of the board *a*. Said arm is additionally recessed, or mortised, at the ends of the kerfs to receive tenons *a*⁴ at the upper ends of the legs. The parts of each side are securely joined together by the means indicated, glue being employed to render the construction more secure. The seat A² comprises a board *a*⁵ equipped at its lateral edges with down-turned flanges *a*⁶ which are connected with the boards *a* by bolts *a*⁷. The back A³ comprises side frame members *a*⁸ joined at their upper ends by a frame member *a*⁹ and at a distance above their lower ends by a frame member *a*¹⁰, and a

panel *a*¹¹ connecting the cross frame members. The back fits easily between the sides of the chair, and the lower ends of the members *a*⁸ are equipped at their outer lateral surfaces with slots *a*¹² which engage inwardly projecting studs *a*¹³ carried by blocks *a*¹⁴ applied to the inner surfaces of the boards *a* adjacent to the legs *a*². The members *a*⁸ are also equipped with lateral studs *a*¹⁵ having heads or balls *a*¹⁶. The rearwardly projecting portions *a*¹⁷ of the arms of the chair are equipped on their upper surfaces with recesses *a*¹⁸ adapted to receive the balls *a*¹⁶, whereby the chair-back is rendered adjustable in inclination. The recesses *a*¹⁸ are provided by boring shallow holes in the upper surfaces of the portions *a*¹⁷ of the chair arms.

It will at once be understood that the chair may be knocked down by lifting the back bodily from the chair and removing the bolts *a*⁷, thereby detaching the sides of the chair from the chair-seat.

In the construction shown in Fig. 4, B is a side of a chair, stool, or small settee, comprising a board *b* and arms *b*¹ surmounting the same; a front binding member, or leg member *b*²; a rear binding member, or leg member *b*³; and a lower binding member *b*⁴, which is curved as indicated and whose extremities form portions of the legs of the article. The arms *b*¹ have kerfs which receive the upper edge-portions of the board *b*; and the members *b*², *b*³ and *b*⁴ have kerfs which receive the corresponding edge-portions of the board *b*. In this arrangement, the board *b* is so cut as to have tapering portions *b*⁵ which terminate at a distance above the lower ends of the legs. An additional member, or fillet, *b*⁶ is employed at the lower end of each leg to complete the binding between the lower extremities of the members *b*², *b*³ and the extremities of the member *b*⁴. The board *b* is provided with the perforations *b*⁷ which serve to receive bolts for connection with a chair-seat; and joining the members *b*³ and *b*⁴ is a member *b*⁸ which bears an inwardly projecting stud *b*⁹, corresponding with the stud *a*¹³, shown in Fig. 2, and serving as a connection for the chair-back.

It is obvious that the legs of the chair may be of any desirable form and that various curvatures may be given to the several parts constituting the sides of the chair, without

departure from my invention. It is likewise obvious that the legs may or may not be equipped with rockers.

What I regard as new, and desire to secure by Letters Patent, is—

1. In a knock-down chair, the combination with two sides each comprising legs, an arm, kerfs in said legs and arm and a panel with its edge- portions rigidly secured in said kerfs, of a seat provided with lateral flanges and a front flange extending between said lateral flanges, and bolts extending through said lateral flanges and panels and detachably securing said parts together, for the purpose set forth.

2. In a knock-down chair, the combination with two sides each comprising legs a^1 and a^2 , an arm a^3 with a rearwardly projecting portion provided with recesses a^{18} , kerfs in

said legs and arm, and a panel a with its edge- portions rigidly secured in said kerfs, and a pin a^{13} projecting from the inner face of each of said sides adjacent to the legs a^2 , of a seat provided with lateral flanges a^6 and a front flange extending between said lateral flanges, bolts a^7 extending through said lateral flanges and panels and detachably securing said parts together, and a back interposed between said sides and provided with lateral slots a^{12} engaging said studs a^{13} , and laterally projecting balls a^{16} adapted to enter said recesses a^{18} , for the purpose set forth.

JOHN J. SHERMAN, JR.

In presence of—

L. HEISLAR,

R. A. SCHAEFER.