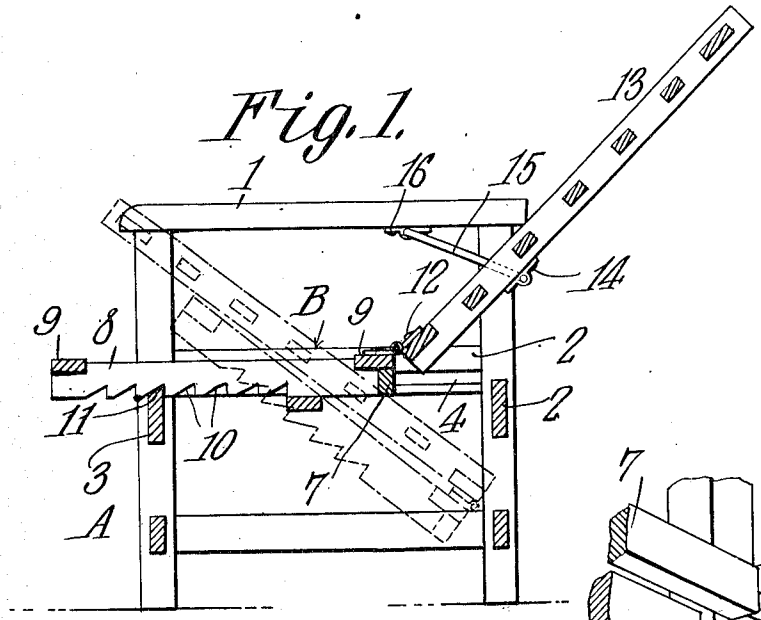
No. 871,022. PATENTED NOV. 12, 1907.

M. ANTHONY.

RECLINING CHAIR.

APPLICATION FILED FEB. 21, 1907.

Fig. 1.



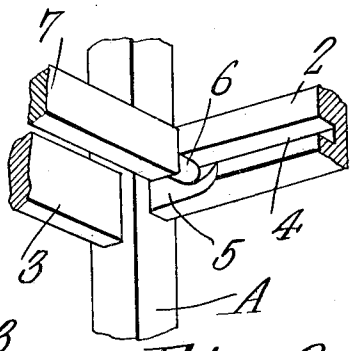
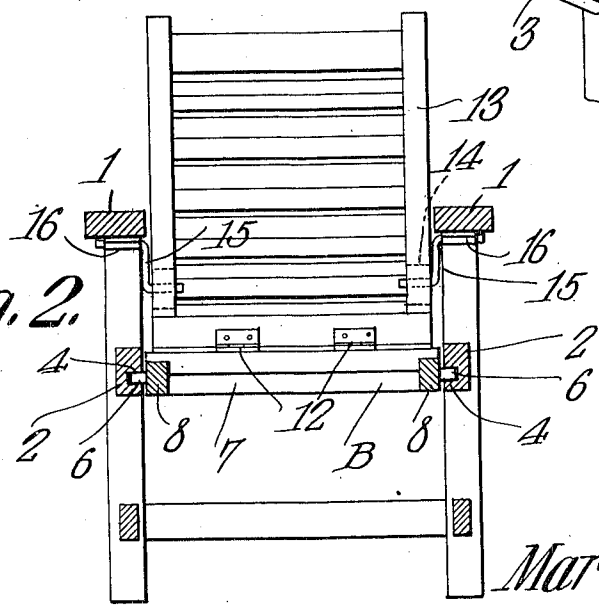


Fig. 3.

Fig. 2.



Mark Anthony,

INVENTOR.

WITNESSES:

E. P. Stewart

Hubert D. Lawson.

By C. A. Snow & Co

ATTORNEYS

UNITED STATES PATENT OFFICE.

MARK ANTHONY, OF STREATOR, ILLINOIS.

RECLINING-CHAIR.

No. 871,022. Specification of Letters Patent. Patented Nov. 12, 1907.

Application filed February 21, 1907. Serial No. 358,676.

To all whom it may concern:

Be it known that I, MARK ANTHONY, a citizen of the United States, residing at Streator, in the county of Lasalle and State of Illinois, have invented a new and useful Reclining-Chair, of which the following is a specification.

This invention relates to reclining chairs of that type better known as "Morris" chairs.

The object of the invention is to provide a chair having a movable back and seat, said seat constituting a means for holding the back at a desired inclination.

Another object is to provide a chair back and seat which are constantly connected and which are capable of being folded within the body of the chair so as to enable the device to be conveniently packed for transportation or storage.

With these and other objects in view the invention consists of certain novel features of construction and combinations of parts which will be hereinafter more fully described and pointed out in the claims.

In the accompanying drawings is shown the preferred form of the invention.

In said drawings: Figure 1 is a vertical section through the chair the same being shown by dotted lines in folded position; Fig. 2 is a vertical transverse section through the chair; and Fig. 3 is a perspective view of the inner portion of one of the side rails and the adjoining seat portion.

Referring to the figures by characters of reference, A designates the frame of the chair, the same being provided with arms 1, side rails 2, and a front or stop rail 3. The side rails have longitudinal grooves in their inner faces, as indicated at 4 and the lower walls of these grooves are cut away at their front ends, as shown at 5 to permit the insertion into the grooves of trunnions 6 extending from the ends of the rear cross strip 7 of the chair seat B. This seat consists of side strips 8 connected by suitably disposed cross strips 9 and the side strips are formed with ratchet teeth 10 upon their lower edges any one of which is designed to engage the upper edge of the stop strip 3. The end portions of said upper edge are preferably beveled as shown at 11, in Fig. 1 so that the teeth can readily engage therewith. It is of course obvious that when the trunnions 6 are seated within the grooves 4 and the strips 8 are in engagement with the stop strip 3, the seat B is held securely in a horizontal position.

Connected to the rear strip of the seat by means of hinges 12 or in any other preferred manner is a chair back 13 having plates 14 secured to the side rails thereof at a point between their ends and constituting bearings for the lower ends of hangers 15. The upper ends of these hangers are journaled in plates 16 secured to the lower faces of the arms 1.

The parts are so proportioned that when the seat B is pressed backward to its greatest extent the trunnions 6 are seated within the rear ends of the grooves 4 and the hangers 15 assume substantially horizontal positions beneath the arms 1. The front teeth of the side strips 8 also engage the stop strip 3 so that when a person is seated within the chair the parts can not become accidentally displaced but are held rigidly in position by the weight of the occupant. When it is desired to adjust the chair it is necessary for the occupant to leave it whereupon the seat B is raised out of engagement with the stop strip 3 and drawn forward. This will cause the hangers 15 to swing downward and the back 13 to assume an inclined position. When the desired adjustment has been effected the seat B is lowered until the same engages the stop strip 3 whereupon a person can again occupy the chair without danger of the parts moving out of adjusted position.

An important feature of the present invention resides in the fact that the chair can be folded for convenience in storing and for transportation without the necessity of detaching any of the parts. This folding is effected by drawing the seat B forward until the trunnions 6 assume positions above the cut away portions 5 of the side rails 2. The trunnions can then be pressed downward out of engagement with the side rails and the seat folded against the forward face of the back whereupon both the back and the seat can be swung forward into position shown by dotted lines in Fig. 1. The back will then project very little if at all beyond the frame of the chair. The chair can therefore be very quickly set up without the necessity of utilizing any tools for assembling the parts thereof.

It will be seen that the chair is very simple, durable and efficient and constitutes an attractive article of furniture. By providing the adjustment which has been shown and described it is possible to move the back downward into a position almost horizontal and when a person occupies the chair after the same has been adjusted in this manner the center of gravity will be disposed above the center of the chair and there will be no danger of tilting.

What is claimed is:

1. A chair comprising a frame, a back, movable connections between the back and frame, a seat hingedly connected to the back, and projections thereon slidably mounted upon the frame, said frame being reduced at one end to permit the projections to pass therethrough and the seat and back to fold and to rest within the frame.

2. A chair comprising a frame having longitudinally grooved side rails, one wall of each groove being cut away at one end of the groove to form an outlet, a back, hangers connecting the back and frame, a seat movably connected to the back and slidably mounted within the frame, means for holding the seat in adjusted position, and projecting devices upon the seat and movably mounted within the grooves, said devices being removable through the outlets of the grooves to permit the seat to be folded upon the back, said back and seat when folded being insertible between and below the side rails.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

MARK ANTHONY.

Witnesses:
WM. C. SCHROEDER,
C. W. CARLSON.