

No. 854,298.

PATENTED MAY 21, 1907.

R. MATTHEWS.
CHAIR.

APPLICATION FILED NOV. 30, 1906.

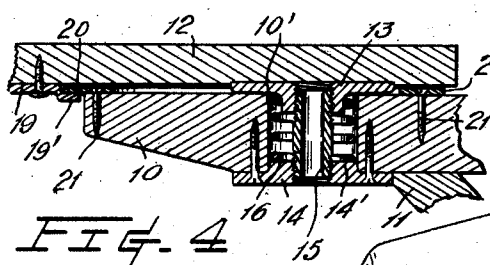


FIG. 4

FIG. 2

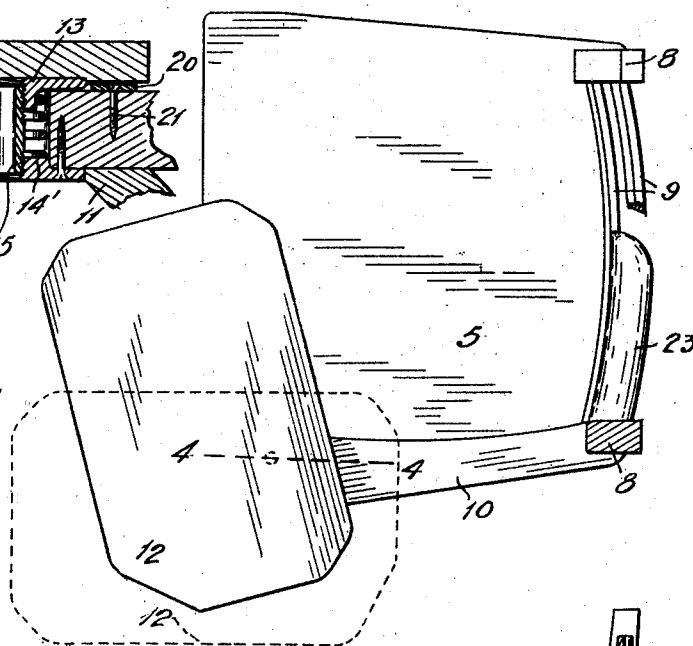
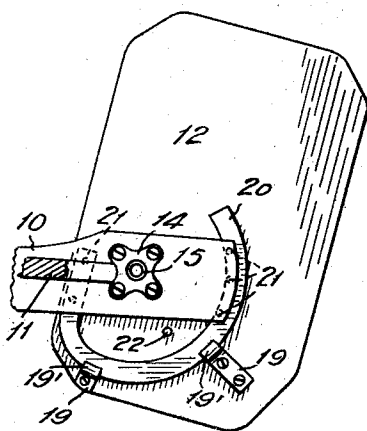


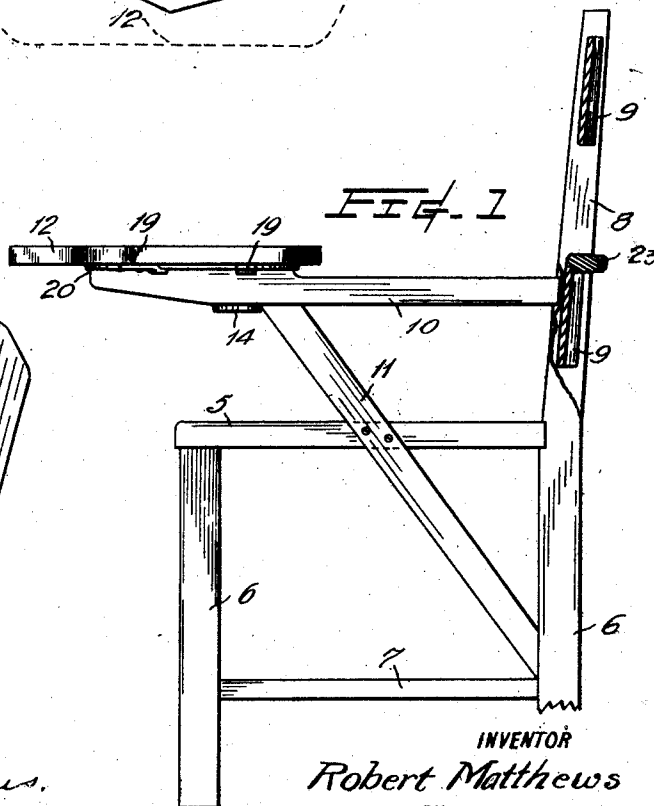
FIG. 3



WITNESSES:

Horace Barnes.
W. H. Bennett

FIG. 1



INVENTOR

Robert Matthews
BY
Pierre Barnes
ATTORNEY

UNITED STATES PATENT OFFICE.

ROBERT MATTHEWS, OF SEATTLE, WASHINGTON.

CHAIR.

No. 854,298.

Specification of Letters Patent.

Patented May 21, 1907.

Application filed November 30, 1906. Serial No. 345,738.

To all whom it may concern:

Be it known that I, ROBERT MATTHEWS, a citizen of the United States, residing at Seattle, in the county of King and State of Washington, have invented certain new and useful Improvements in Chairs, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to chairs having a table-like support for conveniently holding various objects and which are peculiarly adapted for use in lunch rooms, libraries and the like; and its object is to provide a chair of this character which will permit of much freedom of movement to the occupant, and having the table-leaf thereon readily adjustable to various desired horizontal positions.

To these ends the invention consists in the novel construction and combination of parts as will be hereinafter described and shown in the said drawings, in which—

Figure 1 is a side elevation of a chair embodying my invention, the back being shown partly broken away; Fig. 2, a plan view of the same, similarly broken away; Fig. 3, an under-side view of the leaf-arm with portions of the chair support and brace; and Fig. 4, a cross sectional view taken through 4—4 in Fig. 2, drawn to an enlarged scale.

The reference numeral 5 designates the seat of a chair, 6 the legs, having connecting rounds such as 7, and 8 the standards made by prolonging the rear legs upwardly and which with the connecting bars 9 form the back thereof.

Rigidly connected to one of the standards, desirably that to the left hand side of a person occupying the chair, is a horizontal arm 10 which is also supported upon the upper end of an inclined brace 11. This brace is secured to the adjacent rear leg and also to the frame of the seat and disposed to be at some distance from the front edge of the seat to allow the occupant putting his leg therebelow should he so desire. Rotatably mounted upon said support is a leaf 12 with its pivotal connection disposed adjacent of one of its corners to allow of its being swung horizontally above a sitter's lap upon occasion or to the side when not in use.

Secured to the underside of the leaf is a flanged socket 13 and another like fixture 14 is attached to the bottom of the arm with its boss 14' extending into an aperture 10' of the arm. These two sockets are screw-threaded internally to receive the threads

provided upon the ends of a tubular member 15 and the threads are in this instance both "right-hand" such that when the leaf is swung over the front of the chair the ends of the member 15 will be caused to further enter one or both of the sockets and accordingly draw the leaf into closer relation with the arm, or vice versa, when the leaf is swung outwardly. Interposed between the two sockets is an extensible helical spring 16 adapted to take up any looseness which may eventuate by the wearing of the screws and likewise exerting a constant pressure upon the leaf preventing the latter being swung except through the application of an appreciable amount of force. Fixedly secured to the underside of said leaf, as by screws, are two or more metal attachments 19 each of which has an off-set end 19' to embrace a metal bearing-track 20 upon the arm portion 10. Said bearing-track is fixedly connected to said arm, as by screws 21, and the portion which coacts with the attachments 19 is made concentric to the axis of leaf pivot 15.

22 is a pin projecting from the underside of the leaf for the purpose of limiting the rotary travel of the leaf by intercepting with the arm portion 10.

Upon one of the bars or slats 9 of the chair-back and at or near the level of the arm 10 I provide an elbow rest 23 formed desirably of wood or material corresponding to the design of the chair and made somewhat wider than the thickness of the slat.

From the foregoing it is obvious that the occupant of a chair embodying my invention is allowed great freedom of movement and may take almost any desired position in the chair while the leaf accommodates itself to any purpose for which it is applicable and the bearing-track furnishes a rigid mounting or support for the leaf against tilting at any position to which the leaf is swung.

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

1. The combination with the arm of a chair, of a leaf pivotally connected with the arm such connection being adapted to shorten the distance between the arm and the leaf when the latter is swung in one direction and to increase such distance when swung oppositely, and a spring interposed between said arm and leaf.

2. A chair having an arm with a track-

bearing for a superposed leaf, said leaf, and pivotal connections between said arm and the leaf adapted to shorten when moved in one direction said connections consisting of a tubular member provided with screw-threaded ends which register with sockets respectively secured to said arm and said leaf, and an interposed spring tending to separate the leaf from the arm.

10 3. A chair having an arm with a track-bearing for a superposed leaf, said leaf, and pivotal connections between said arm and the leaf adapted to shorten when moved in one direction said connections consisting of a tubular member provided with screw-threaded ends which register with sockets respectively secured to said arm and said leaf.

15 4. In a chair having a single arm, provided with a track-bearing for a superposed leaf, and said leaf, in combination with a pivotal connection between said arm and said leaf whereby the latter can be rotated into various positions, and a spring acting to press apart the leaf and arm.

5. In a chair, the combination of an arm 25 provided with a track-bearing for a superposed leaf, said leaf, and pivotal connections between said arm and said leaf and consisting of a tubular member provided with screw-threaded ends which register 30 with sockets respectively secured to said arm and to said leaf, and an interposed spring tending to separate said leaf from said arm.

6. In combination with the arm of a chair 35 and a leaf, of the pivotal connection between said arm and leaf, comprising flanged sockets provided with internal screw-threads respectively secured to said parts, and a tubular member having screw-threaded ends which 40 respectively engage with said sockets.

In testimony whereof I affix my signature in presence of two witnesses.

ROBERT MATTHEWS.

Witnesses:

PIERRE BARNES,
W. H. BENNETT