G. FRANCIS.

RECLINING CHAIR.

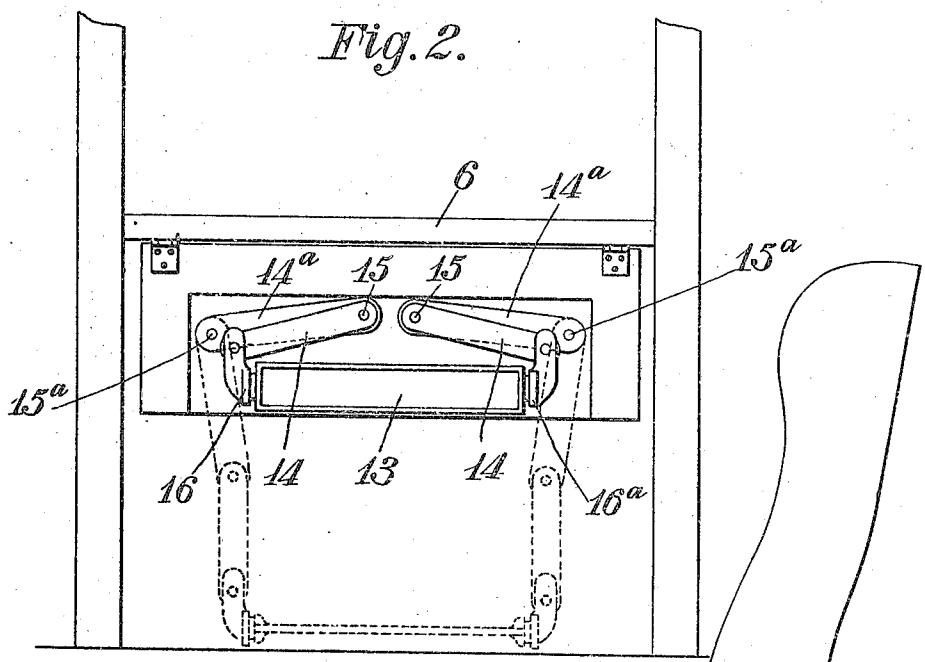
APPLICATION FILED JULY 5, 1916.

1,249,609.

Patented Dec. 11, 1917.

2 SHEETS—SHEET 1.

Fig. 2.



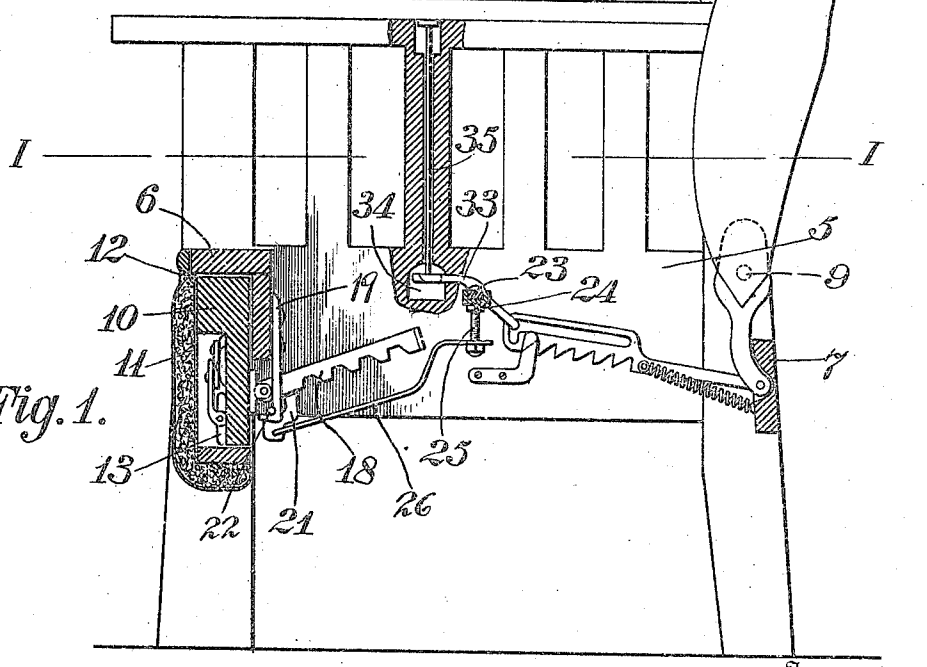


Fig. 1.

Inventor

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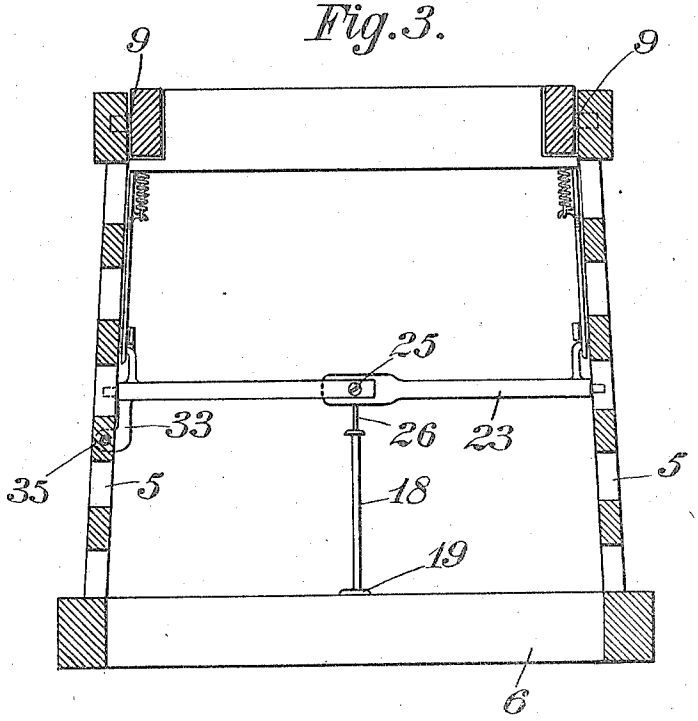
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2 SHEETS—SHEET 2.

Fig. 3.



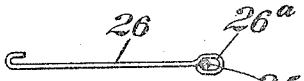


Fig. 5.

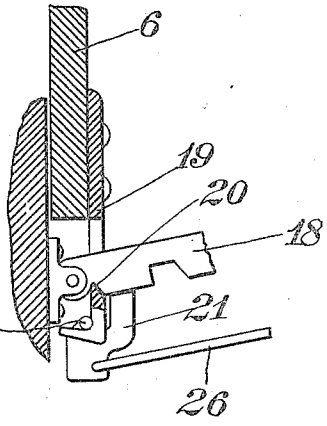


Fig. 4.

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UNITED STATES PATENT OFFICE.

GEORGE FRANCIS, OF COLUMBUS, OHIO.

RECLINING-CHAIR.

1,249,609. Specification of Letters Patent. Patented Dec. 11, 1917.

Application filed July 5, 1916. Serial No. 107,488.

To all whom it may concern:

Be it known that I, GEORGE FRANCIS, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented a certain new and useful Improvement in Reclining-Chairs, of which the following is a specification.

This invention relates more especially to the class of reclining chairs having a hinged back and a hinged foot rest and the object of the invention is to provide improved means whereby the bringing of the foot rest into reclining or sitting position is facilitated. A further object of the invention is to provide a construction in which the foot rest and the parts for operating it are largely concealed so that when the chair is in ordinary or normal position it has the appearance of an ordinary standing chair.

The invention is embodied in the construction hereinafter particularly described and shown in the accompanying drawings, in which:—

Figure 1 is mainly a vertical section with parts in elevation.

Fig. 2 a front view showing the extensible foot rest.

Fig. 3 is a horizontal section on the line I—I Fig. 1 looking down.

Fig. 4 is a detail view partly in section and partly in side elevation of the device for holding and releasing the foot rest.

Fig. 5 is a plan view of the link for connecting the foot rest releasing device with its operating means.

In the views 5 designates the side members of the chair frame and 6 and 7 forward and rear connecting members respectively. The back 8 is hinged at 9 between the side frame members at their rear portions. 10 designates a box-like front rail having an upholstered cover 11. The two parts together may be termed the foot rest box. Both the rail 10 and cover 11 are hinged at 12 to the forward connecting member 6 so that the cover can be swung forward independently of the box or both the box and its cover can swing together. 13 designates the foot rest bar. This bar is connected with the interior of the box by means of two pairs of toggle arms 14 and 14ª the upper members of the pairs being pivoted at 15 and 15ª so that the foot rest bar can be folded up into the box or projected therefrom to receive the feet of the occupant of the chair by extending the toggle bars as well understood. The foot rest bar 13 is journaled at its ends in members 16 and 16ª which in turn are pivoted to the intermediate toggle bars so that the foot rest, it being a flat bar, can be turned on its axis to afford a substantially flat rest for the feet of the occupant when the foot rest is extended. The foot rest box has pivotally attached to its rear side a toothed bar 18 that is extended through a keeper plate 19 having a hole for the purpose and an edge 20 normally engaged by a tooth of the bar 18 to hold the foot rest box in the place to which it is swung. 21 designates a lifter lever pivoted at 22 in the lower end of the keeper plate and adapted when raised to lift the bar 18 out of engagement with the keeper. Journaled between the side members of the chair frame is a rock bar 23 composed of two portions held together by a nut 24 and threaded bolt 25. The bolt 25 is long and connecting its projecting end with the lifter lever is a link rod 26 so that by rocking the rock bar 23 in the proper direction the toothed bar 18 can be removed from the keeper plate thereby permitting the foot rest to be swung outward or released from an outward position to fall inward. As shown the link 26 has an elongated loop 26ª where it is connected with the bolt 25 so that the bolt can be oscillated a little without operating the foot rest.

Assuming the chair to be in normal or sitting position the operation is this: The cover of the foot rest box is raised and the foot rest pulled down. The user then sits in the chair catching his heels in the foot bar rest which can then be raised to the position desired by raising the feet, the heels being hooked under the foot rest for this purpose.

When desired a depression of the push button so as to raise the lifter lever 21 releases the foot rest so that it falls to sitting position. After this the foot rest is folded back into its box.

The details of construction are susceptible of modification without departing from the gist of the invention as claimed.

What I claim is:

1. A leg rest for a chair including in combination, a box-like front rail hinged to the seat frame of the chair, a cover for the same,

a foot receiving member, and toggle-arm members connecting the foot receiving member to said box-like front rail.

2. In an arm chair, the combination with a standing frame, of a foot rest receptacle hinged to the forward portion of the seat of the chair, a foot rest having a toggle-arm connection with said receptacle and means for latching said receptacle and foot rest in raised position, substantially as described.

3. In a reclining chair, the combination with a standing frame, a hinged back and means for latching the same in upright and reclining positions, a front rail forming a foot rest receptacle having a hinged cover, and an extensible foot rest adapted to fold into said receptacle.

4. In an arm chair, the combination with a standing frame, of a foot rest receptacle hinged to the forward portion of the seat of the chair, said receptacle having a hinged cover, a foot rest having a toggle-arm connection with the interior of said receptacle and means for latching said receptacle and foot rest in raised position, substantially as described.

GEORGE FRANCIS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."