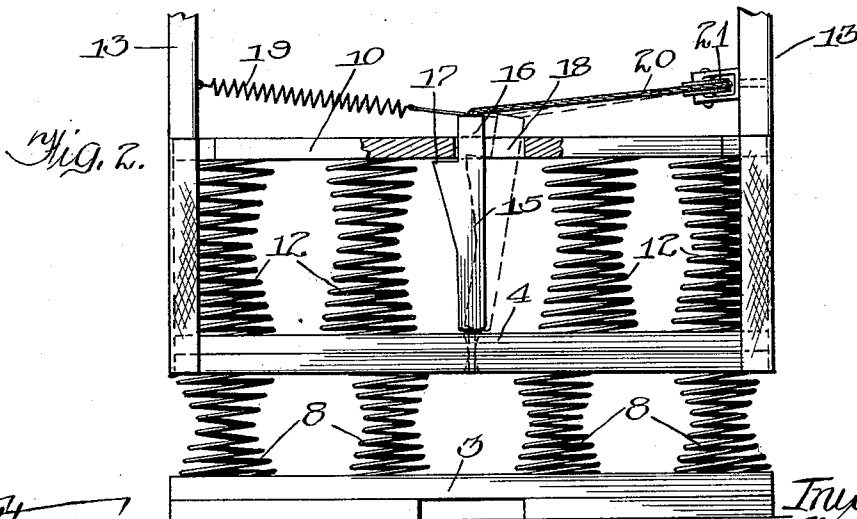
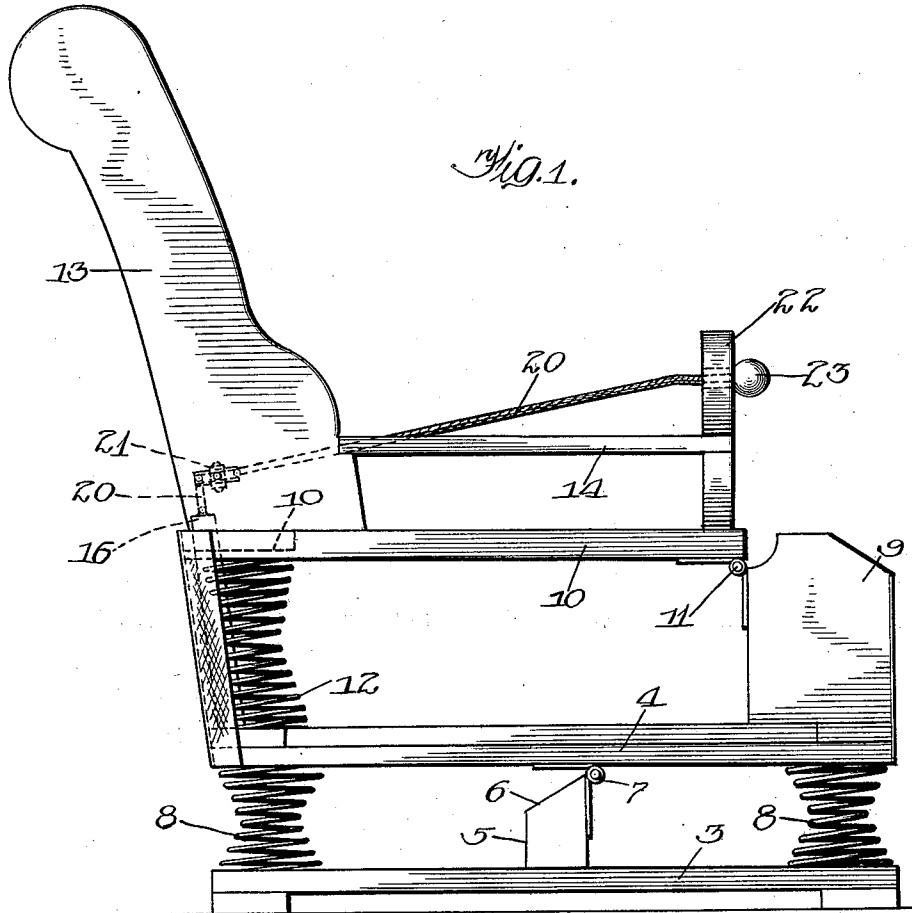


G. MUELLER.
ROCKING CHAIR.

APPLICATION FILED JUNE 29, 1907. RENEWED JAN. 13, 1911.

1,000,748.

Patented Aug. 15, 1911.



Witnesses:
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his Attys.

UNITED STATES PATENT OFFICE.

GEORGE MUELLER, OF CHICAGO, ILLINOIS, ASSIGNOR TO FRED BARROW, OF CHICAGO, ILLINOIS.

ROCKING-CHAIR.

1,000,748.

Specification of Letters Patent. Patented Aug. 15, 1911.

Application filed June 29, 1907, Serial No. 381,447. Renewed January 13, 1911. Serial No. 602,479.

To all whom it may concern:

Be it known that I, GEORGE MUELLER, a subject of Francis Joseph, Emperor of Austria-Hungary, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Rocking-Chairs, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention relates to chairs but more particularly to that class of spring rocking chairs adapted to rock on a stationary base.

The invention consists in the organizations and arrangements of the parts hereinafter particularly described and then pointed out in the appended claims.

In the accompanying drawing in which the same reference characters refer to like parts in the several figures: Figure 1 is a side view of a chair embodying my invention; and Fig. 2 is a rear view of the same with parts broken away.

To better illustrate my invention I have shown it in connection with that type of large and heavily upholstered lounging chairs adapted to be rocked. Such chairs, however, may be but slightly rocked, but by the employment of my invention the occupant of the chair is enabled to increase the extent of the rock thereof.

In the drawing 3 represents the lower or stationary base of the chair which rests upon the floor, 4 a second or upper base, adapted to rock on posts such as 5, it being understood that there are two posts one being secured to each side of the lower base and beveled toward the rear as at 6. The upper base is hinged to the posts by hinges 7 and rests upon springs 8 extending across its front and rear and secured thereto and to the lower base.

A support 9 is secured to each side of the upper base at its front, and a seat frame 10 is hinged at the front ends thereof to each support by hinges 11, the rear of the seat frame resting upon springs 12, secured thereto and to the upper base. To each side of a back 13 and to the seat frame are secured arms 14.

A rear support 15 pivoted in any suitable manner to the upper base is reduced at its upper end 16 to form a shoulder 17 the end 16 passing through a slot 18 in the rear of the seat frame. One end of a spiral spring 19 is secured to one side of the back and at its other to the end 16, to which is also secured one end of a rope 20 which passes over a pulley 21 secured to the other side of the back and through the arm post 22 and is then attached to a knob 23.

When the rear support 15 is in its normal position as shown in Fig. 2, it is apparent that as the chair is rocked the rear side of the seat frame rests upon the shoulder 17 and the chair is rocked with reference to the springs 8 only. If the rope be now pulled forward the rear support is drawn to one side so that its shoulder will pass through the slot 18 and the chair may then be rocked with reference to the springs 8 and 12; the hinges 11 permitting the seat frame to be raised and lowered. The hinges 7 provide suitable rocking connections between the upper base and posts. By this construction the seat of the chair normally rocks by reason of the movement of the upper base 4 with relation to the stationary base 3, and the rocking movement of the seat may be extended by withdrawing the support or space bar 15 against the tension of its spring 19 so that the seat may also have movement with relation to the upper base 4.

It is of course to be understood that the details of construction may be varied without departing from my invention.

Having described my invention what I claim and desire to secure by United States Letters Patent is:

1. A chair having a lower base, posts on the lower base, an upper base adapted to be rocked on the posts, a hinged seat-frame, springs between the upper base and the lower base, and a rear support between the upper base and the seat-frame and adapted to be moved to allow the seat-frame to be moved independently of the upper base with reference to the lower base.

2. A chair having a stationary base provided with side-posts, an upper base hinged to the posts, a hinged seat-frame, front and rear springs between the rear of the seat-frame and upper base, and a space-bar between the rear of the seat-frame and upper base normally holding said base and frame in predetermined relation and adapted to be

displaced to allow the frame to move upon its hinges against said second springs. 10

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

GEORGE MUELLER.

Witnesses:

C. G. McROBERTS,

ELIZABETH MOLITOR.

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