No. 806,678. PATENTED DEC. 5, 1905.

T. F. KELLY.

FOOT REST FOR CHAIRS.

APPLICATION FILED FEB. 25, 1904.

Fig. 1.

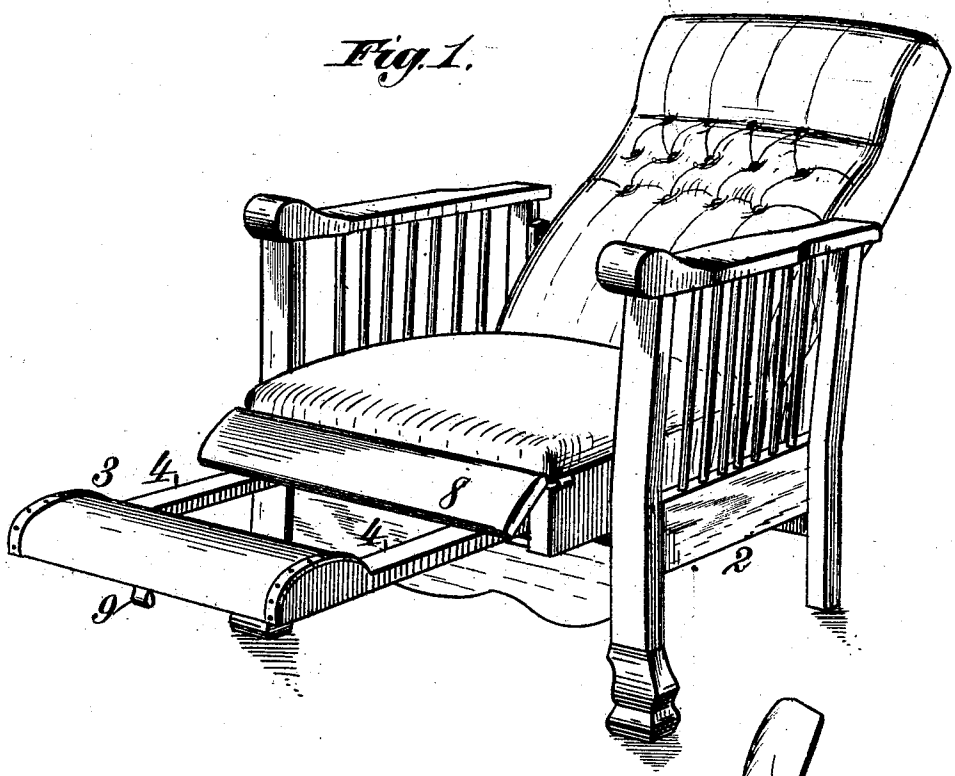
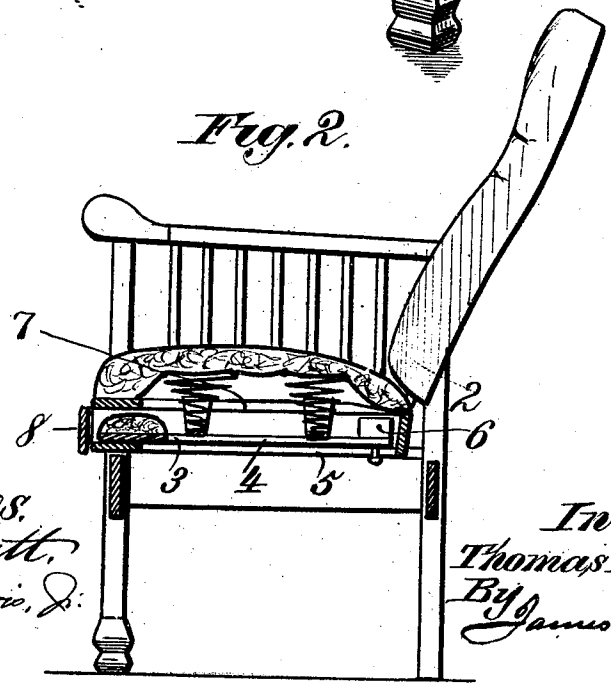


Fig. 2.



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UNITED STATES PATENT OFFICE.

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FOOT-REST FOR CHAIRS.

No. 806,678. Specification of Letters Patent. Patented Dec. 5, 1905.

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To all whom it may concern:

Be it known that I, THOMAS F. KELLY, a citizen of the United States, residing at Clinton, in the county of Clinton and State of Iowa, have invented new and useful Improvements in Foot-Rests for Chairs, of which the following is a specification.

This invention relates to foot-rests for chairs; and the object of the invention is to provide a simple and effective article of this character, so combined with the chair that when not in use it may be introduced within the chair-frame—for example, at the seat portion thereof—through an opening in such frame, which opening, when the said foot-rest is in the frame, is covered by a flap or door in order to hide the foot-rest and its carrier, which latter may be inexpensively made in the form of a slide. When the slide with its foot-rest is introduced into the chair-frame and the door in question is down, said frame will present the effect of a solid structure.

It has been proposed to slide a foot-rest carrier into and out of a seat-frame, the foot-rest, when the carrier therefor is in its retracted position, serving to cover the opening in the seat-frame through which said carrier moves. This construction, however, is objectionable, owing to the fact that as the foot-rest is subjected to wear, it, when covering the opening, presents at the front of the chair a decidedly bad appearance. I overcome this defect, as I do not utilize the rest to cover the opening, but use a separate part, which part does not come in contact with the feet of the user, so that no matter to what extent my foot-rest may be worn the wear will not show when the foot-rest is housed within the chair-frame.

I have selected for illustration in the accompanying drawings one convenient adaptation of the invention, which I will set forth at length in the following description; but I do not, of course, limit myself to the exact showing thus made, for certain variations as to several points may be adopted within the scope of my claim.

Referring to the drawings, Figure 1 is a perspective view of a chair equipped with a foot-rest including my invention, the foot-rest being shown in its advanced position. Fig. 2 is a sectional elevation, the section being taken from the front to the rear of the chair and the foot-rest being shown as housed within the seat-frame, and the door or flap for the opening of said frame being closed to hide said frame.

Like characters refer to like parts throughout the several figures of the drawings.

My invention may be incorporated in chairs of any kind, and while I shall hereinafter describe the foot-rest and its carrier as adapted to be housed or inclosed by the seat-frame this is not essential, for the reason that such parts may be inclosed when not in use by any other part of the chair-frame.

Referring now to the drawings, I have shown therein a chair of the so-called "Morris" type, and the same involves in its make-up a seat-frame, as 2, which may be of any desirable shape and covered or upholstered to suit individual tastes. The foot-rest is denoted by 3 and is located at the forward side of and joins the parallel sliding bars 4 in the nature of a carrier for said foot-rest. The foot-rest itself may be of any desirable construction and may be upholstered to harmonize with the rest of the chair. The foot-rest, with the parallel side bars 4, presents a structure that is approximately of yoke form.

The seat-frame 2 is illustrated as being substantially rectangular, and its side bars are equipped with inwardly-extending ledges or rails 5, upon which the parallel bars 4 are adapted to slide as the foot-rest 3 is moved toward its working position or pushed backward to be housed within the seat-frame. At the rear ends and upper sides of the parallel bars 4 I fasten blocks, as 6, the tops of which as the bars are slid backward and forward are adapted to traverse ledges, as 7, extending horizontally along the top of the side bars of the seat-frame and in parallelism with the ledges 5. By this construction the foot-rest frame composed of the parallel bars 4 is properly guided into and out of the seat through an opening in the forward side of said seat-frame.

The opening in the forward side of the seat-frame 2 is furnished with a door 8, hinged along its upper edge in some suitable manner to such seat-frame, the door when closed being adapted to occupy substantially a vertical position. To facilitate the removal of the foot-rest from within the seat-frame, such foot-rest is equipped with a pull-piece or loop, as 9.

Normally or when the foot-rest is not in

use said foot-rest, with its carrier, is inclosed by the seat-frame 2, the door 8 at this time being closed, so that such seat-frame presents, in effect, a solid structure. When it becomes necessary to use the foot-rest, the door 8 will be opened to reach the loop or pull-piece 9, at which time the foot-rest can be drawn out of the said seat-frame, the parallel bars 4 traveling along the ledges 5, while the upper sides of the blocks 6 traverse the corresponding ledges 7. To introduce the foot-rest into the seat-frame, the reverse procedure will be adopted.

Having thus described the invention, what I claim is—

The combination of a box-like chair-frame having an opening in its front, a slide supported by the bottom of said frame and consisting of parallel side bars, a foot-rest connected to said side bars at their forward ends and movable back and forth through said opening and adapted, when in its extreme backward position, to be housed with said bars in said box-like frame, and a drop-down door hingedly carried by the front side of said frame above said bars and adapted to close said opening when the foot-rest and bars are housed in the frame and adapted to be upheld by the bars when the foot-rest is advanced to a point in front of the door.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

THOMAS F. KELLY.

Witnesses:
J. A. LUBBERS,
FRANK LAWLER.