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ROCKING CHAIR

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Fig. 1.

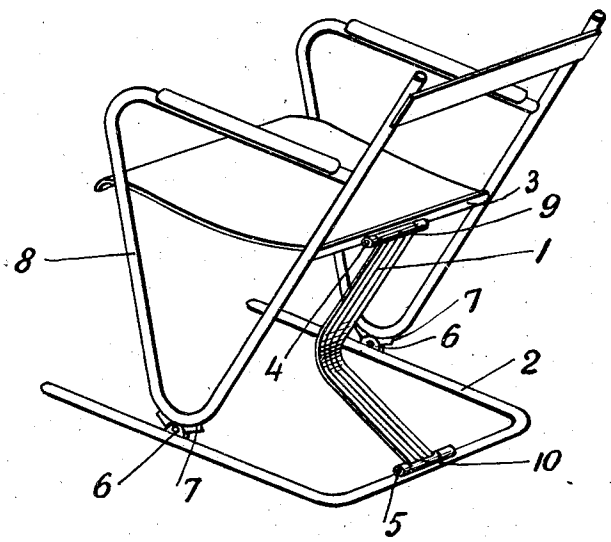
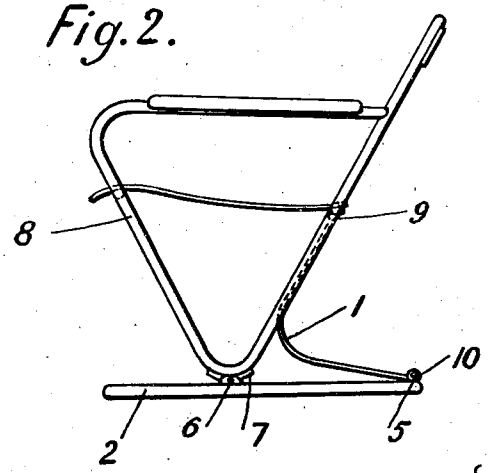


Fig. 2.



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ROCKING CHAIR

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2 Claims. (Cl. 155—77)

This invention relates to a rocking chair that is light, takes little room and is practical in that respect that it does not damage the floor and further it is absolutely noiseless.

The accompanying drawing illustrates by way of example an embodiment of the invention.

Fig. 1 is a perspective view of the rocking chair, while

Fig. 2 is a side view of the same.

The rocking chair illustrated in the drawing consists of a lower frame 2 placed on the floor to support the chair and an upper frame 8 carrying the seat 3, the upper frame being at the point 6 pivotally connected with the lower frame. To the back of the seat one end of a suitably bent spring 1 is pivotally attached at the point 4, the other end of this spring being at the point 5 also pivotally attached to the lower frame 2. Several such springs may be provided and similar springs may also be arranged between the front of the seat and the lower frame. Instead of the plate spring shown in the drawing it is advantageous to use a spring composed of several wire springs placed side by side and held together by a sleeve 9, 10. Such a spring has the advantage of being absolutely safe without any risk of breaking. The upper frame together with the seat will thus oscillate on the pivots 6 this movement being regulated by the spring or springs 1. To prevent the chair from falling backwards if the spring or springs 1 should break which may occur on using a single plate spring, stop and bearing elements 7 are attached to the lower portion of the upper frame 8, one to each side of the same in such manner that on rocking the chair backwards these stop and bearing elements contact with the lower frame thus preventing upsetting of the chair.

The upper frame and the lower frame may be made of metal tubes, wood or any other suitable material while the seat is preferably made of plywood, cloth or any other suitable material.

The above described rocking chair has only been given by way of example and may be modified in various manners without deviating from the scope of the invention.

We claim:

1. A rocking chair comprising a lower frame to bear on a floor, an upper, seat supporting frame comprising two side members and cross bars connecting the rear portions of said side members together, each side member comprising an arm, a front leg member, a rear leg member, and a U-shaped portion connecting the lower ends of said leg members together, said arm and front and rear leg members being integral and said front and rear leg members converging downwardly, stop and bearing elements on the lower sides of said U-shaped portions, means pivotally connecting said stop and bearing elements to the upper side of said lower frame, and a bent spring pivotally connected at its upper end to the rear side of the seat frame and at its lower end to the rear side of the lower frame and forming a reentrant angle directed toward the rear lower portion of the upper frame.

2. A rocking chair comprising a lower frame to bear on a floor, an upper seat supporting frame pivotally mounted at its lower side on the lower frame and a bent spring comprising a plurality of wire springs arranged side by side and sleeves connecting said wire springs together at their upper ends and also at their lower ends, said spring forming a reentrant angle directed toward the rear lower portion of the upper frame.

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