J. A. GAERTNER.

FOOT REST.

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Fig. 1.

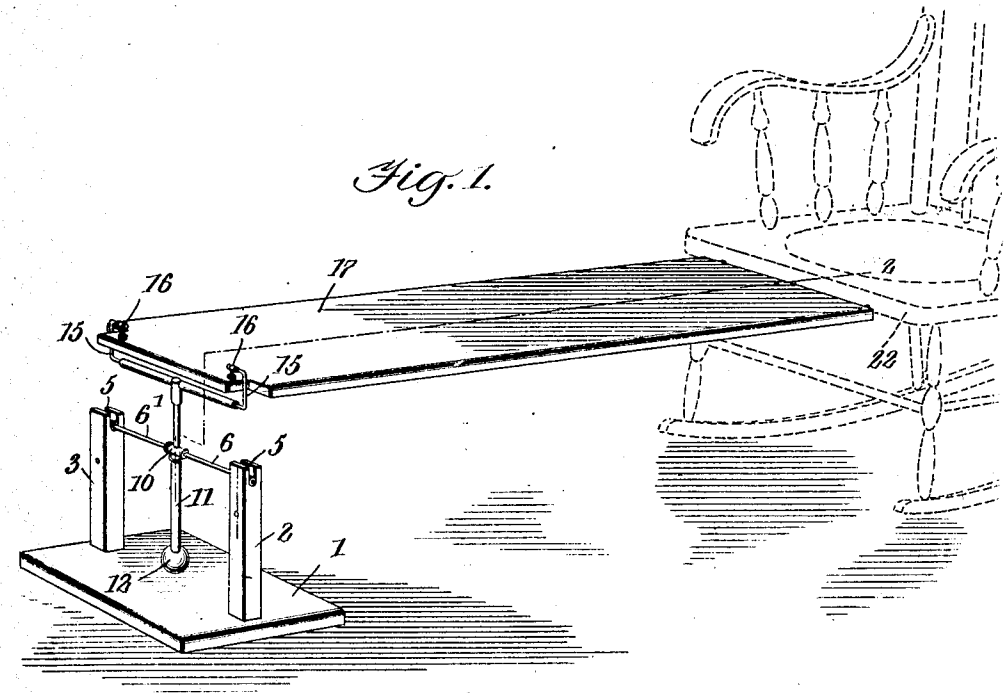


Fig. 2.

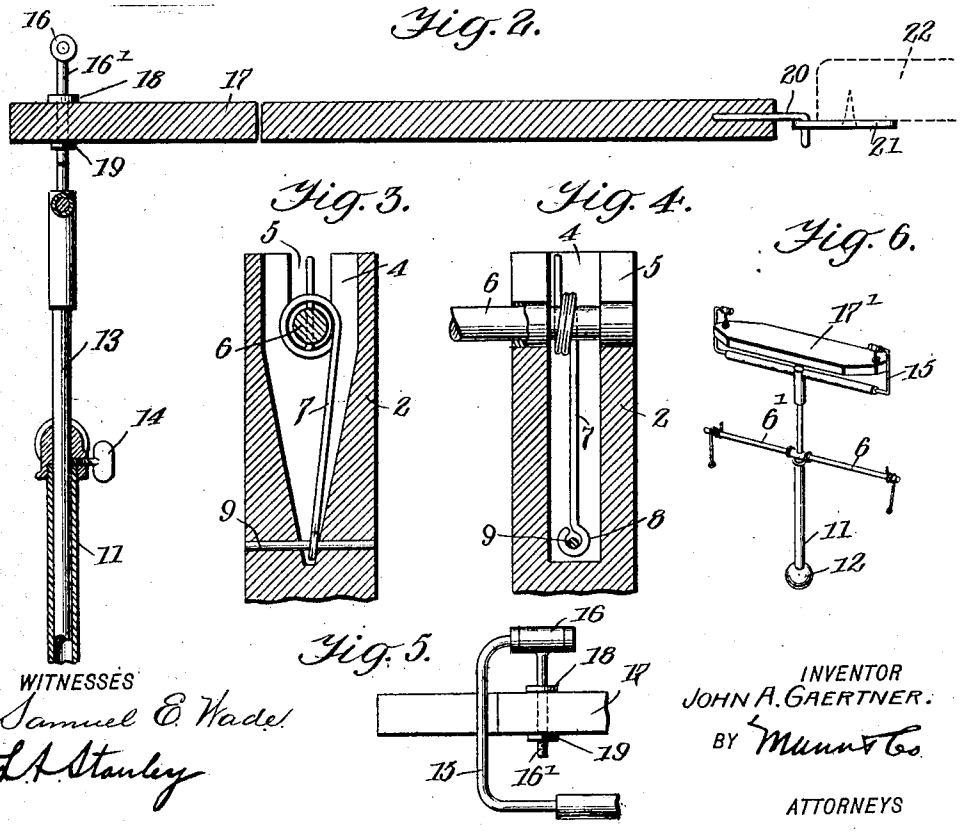


Fig. 3.

Fig. 4.

Fig. 6.

Fig. 5.

WITNESSES

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FOOT-REST.

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To all whom it may concern:

Be it known that I, JOHN A. GAERTNER, a citizen of the United States, and a resident of Baltimore, in the State of Maryland, have made certain new and useful Improvements in Foot-Rests, of which the following is a specification.

My invention relates to improvements in foot rests and it consists in the combinations, constructions, and arrangements herein described and claimed.

My invention is especially adapted for use with a rocking chair in that it permits a person using the chair to rock while his feet are supported upon the rest, the latter having a swinging motion in unison with the movement of the chair.

An object of my invention is to provide an adjustable device which will have the use above stated and which is composed of few operating parts and is therefore not likely to get out of order.

A further object of my invention is to provide a device which may be attached at one end to a rocking chair to serve as an extension thereof.

Other objects and novel features will appear in the following specification and the latter will be particularly pointed out in the appended claims.

My invention is illustrated in the following drawings in which—

Figure 1 is a perspective view showing one embodiment of my invention; Fig. 2 is an enlarged view in section, along the line 2—2 of Fig. 1; Fig. 3 is a detail sectional view showing the spring socket; Fig. 4 is a similar view at right angles to that shown in Fig. 3; Fig. 5 is a detail view showing the fastening means, and Fig. 6 is a view of a modified form.

In carrying out my invention, I provide a rectangular base 1 having the uprights 2 and 3 at the ends thereof. Each of these uprights has in its upper end a slot 4 tapering toward the bottom as shown in Fig. 3 and a transverse slot 5. Disposed in the slots 5 are the ends of the rods 6 and 6′. Each rod is provided with a spring 7, one end of the latter passing through the rod as shown in Fig. 3 and the other end terminating in a loop 8 through which the pin 9 passes to hold the spring in its place. The inner ends of the rods 6 and 6′ are joined by a union 10, to the bottom of which is fastened a cylindrical member 11 having a weight 12 at its bottom. A rod 13 is arranged to enter the cylinder 11 through an opening in the union 10 and may be adjustably supported therein by means of the set screw 14. The rod 11 is provided with a T-shaped top the arms thereof being hollow and adapted to receive the U-shaped members 15 whose upper ends are pivoted in the bearings 16. The latter have downwardly projecting screw threaded studs adapted to pass through the end of the board 17 which is fastened to the studs 16′ by means of the upper and lower nuts, 18 and 19 respectively. The opposite end of the board or support 17 is provided with hooks 20 adapted to enter the eyes of the members 21 which are pivotally secured to the bottom of the rocking chair 22 as shown in Fig. 2, and are arranged to be turned under the chair out of the way.

From the foregoing description of the various parts of the device the operation thereof can be readily understood. As attached to a rocking chair the rest 17 forms an extension thereof for supporting the limbs of the occupant of the chair. As the chair is rocked the support swings on pivot rods 6 and 6′ while the rods 15 turn in their bearings. The free end of the spring 7 forms a stop member while the weight 12 tends to bring the device to its normal position. The support can be raised or lowered at the option of the user by means of the set screw 14.

Instead of using the board 17 I may use the small rest 17′ as shown in Fig. 6. This serves then as a support for the feet and the movement of the body in rocking causes the rest to move in unison therewith as already explained.

My device is particularly adapted for use in hospitals for supporting the broken or injured limbs of convalescent patients. It may be used with any rocking chair by attaching the members 21 underneath the seat.

I claim:

1. In a foot rest, a base, uprights carried thereby, a supporting member, a pair of telescopic members, one of said members being pivotally secured to said supporting member and the other being pivotally secured to said uprights, and having a counterweight at its lower end.

2. In a foot rest, a base, slotted uprights carried thereby, spring controlled rods pivotally mounted in the slots of said uprights. a depending tube secured to said rods, a telescopic member adjustably secured to said

tube, and a support pivotally secured to said telescopic member.

3. In a foot rest, a base, slotted uprights carried thereby, spring-controlled rods pivotally mounted in the slots of said uprights, a depending tube secured to said rods and provided with a counterweight at its lower end, a telescopic member adjustably secured to said tube, and a support pivotally secured to said telescopic member.

4. In a foot rest, a base, slotted uprights carried thereby, spring-controlled rods pivotally mounted in the slots of said uprights, a depending tube secured to said rods and provided at its lower end with a counterweight, a telescopic member disposed within said cylinder, means for adjusting the height of said telescopic member, and a support pivotally secured to said telescopic member.

5. The combination with a rocking chair, of a foot rest comprising a base, slotted uprights carried thereby, spring-controlled rods pivotally mounted in the slots of said uprights, a depending tube secured to said rods, a telescopic member adjustably secured to said tube, and a support pivotally secured at one end to said telescopic member and at the other end to said rocking chair.

JOHN A. GAERTNER.

Witnesses:
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