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S. KORZENIEWSKI

SPRING SUPPORTED ROCKING CHAIR

Filed Nov. 10, 1924

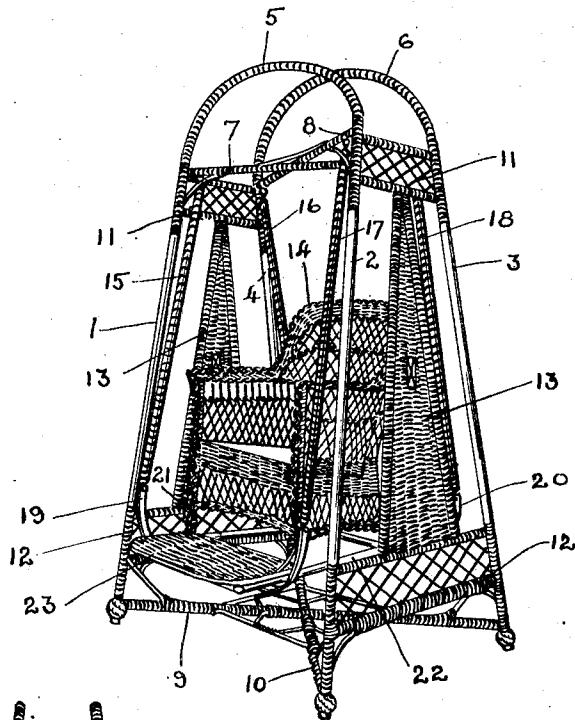


FIG-1

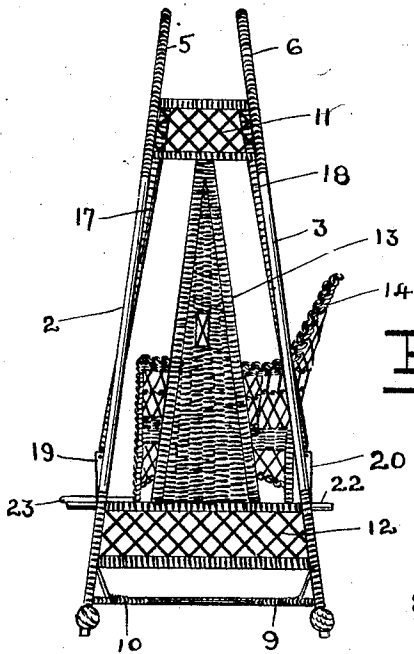


FIG-2

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# UNITED STATES PATENT OFFICE.

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SPRING-SUPPORTED ROCKING-CHAIR.

Application filed November 10, 1924. Serial No. 748,799.

*To all whom it may concern:*

Be it known that STEPHEN KORZENIEWSKI, a citizen of the United States, residing at Rochester, in the county of Monroe and State of New York, has invented certain new and useful Improvements in Spring-Supported Rocking-Chairs, of which the following is a specification.

The object of this invention is to provide a new and improved type of spring suspension for a chair and frame for supporting the spring suspension and the chair.

This and other objects of this invention will be fully illustrated in the drawing, described in the specification and pointed out in the claim at the end thereof.

In the accompanying drawing:

Figure 1 is a perspective view of the frame and spring suspended chair supported therein.

Figure 2 is a side elevation of the frame and chair suspended therein.

In the figures of the drawing like reference numerals indicate like parts.

The spring suspended chair and frame therefor forming the subject matter of this invention is built for the purpose of providing a chair that is extremely comfortable and, is capable of rocking without swinging.

As illustrated in the drawing, the frame within which the chair is supported comprises four uprights 1, 2, 3 and 4. These uprights are joined together at the top by the arches 5 and 6 and the diagonal cross bars 7 and 8. At the bottom these same uprights are joined together by the cross bars 9 and 10. As illustrated the sides of the frame built up by the uprights, arches and cross members increase in width toward the bottom, that is, the uprights spread out toward the front and back of the frame so as to enlarge the base of the frame and provide a firm support therefor. The uprights 1 and 4 and the uprights 2 and 3 are further joined together by the side members 11 and 12 one near the top and the other near the bottom of the uprights and these side members are in turn joined by triangular connecting member 13 located between the uprights.

All of the members described are either

wholly or partially covered with reed or willow in order to give the whole of the frame an artistic appearance. The chair 14 is suspended within the frame by four suspension springs 15, 16, 17 and 18. These suspension springs attach at the upper end to the cross members 7 and 8 while the lower ends of the springs at the front of the frame are joined together by the yoke 19 and the lower ends of the springs at the back of the frame are joined together by a similar yoke 20.

The chair 14 is a reed or willow chair and its legs have a pair of parallel bars 21 and 22 attached thereto. These bars are suitably spaced apart at the back and their forward ends project beyond the chair and support between them the small platform or foot rest 23. The two yokes 19 and 20 engage under the front and rear of the parallel chair supporting bars 21 and 22 and thus support these bars from the suspension springs 15, 16, 17 and 18. In this way the chair 14 is supported in an upright position within the frame by means of the suspension springs. When a person enters the chair and sits in it he can sit upright or the weight of the body can be shifted to incline the chair at the rear in order to place it into a position in which it is most comfortable.

This chair besides being spring cushioned, which alone makes it very comfortable, also tilts or rocks in the manner of a rocking chair and thus combines both features of a cushioned and a rocking chair, making the chair a much more comfortable chair than has heretofore been made. The fact that the suspension springs are attached in four different points of suspension prevents the chair from swinging to any considerable extent and is therefore not a swinging chair but is a spring supported rocking chair.

I claim:

In a spring supported rocking chair, the combination of a frame comprising four uprights, arches connecting the two front uprights and the rear uprights, diagonal cross members connecting the rear with the front uprights near the top and bottom thereof, two pair of suspension springs sup-

ported from the diagonal cross members near the top of said uprights independently of one another and with considerable space between them, a yoke connecting the lower 5 ends of the front pair of said suspension springs and a yoke connecting the rear pair of said suspension springs said yokes forming two narrow spring supported cradles, a pair of rails supported in said cradles, a platform or footrest provided at the front 10 of said rails and a chair supported centrally of said supporting rails.

In testimony whereof I affix my signature.  
STEPHEN KORZENIEWSKI.