

No. 818,622.

PATENTED APR. 24, 1906.

J. HANCOCK.
ROCKING SWING.

APPLICATION FILED OCT. 31, 1904. RENEWED SEPT. 30, 1905.

Fig. 1.

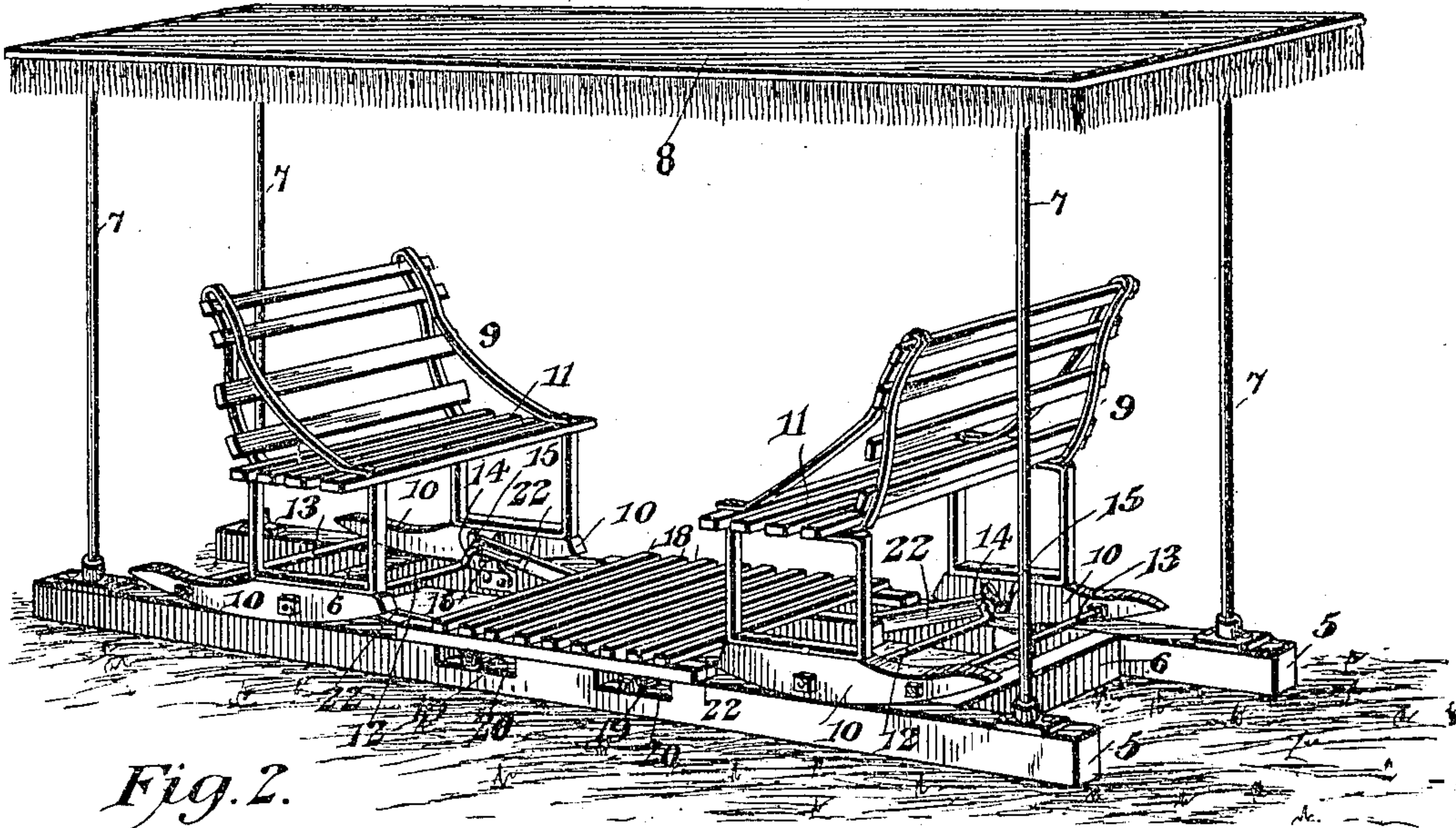


Fig. 2.

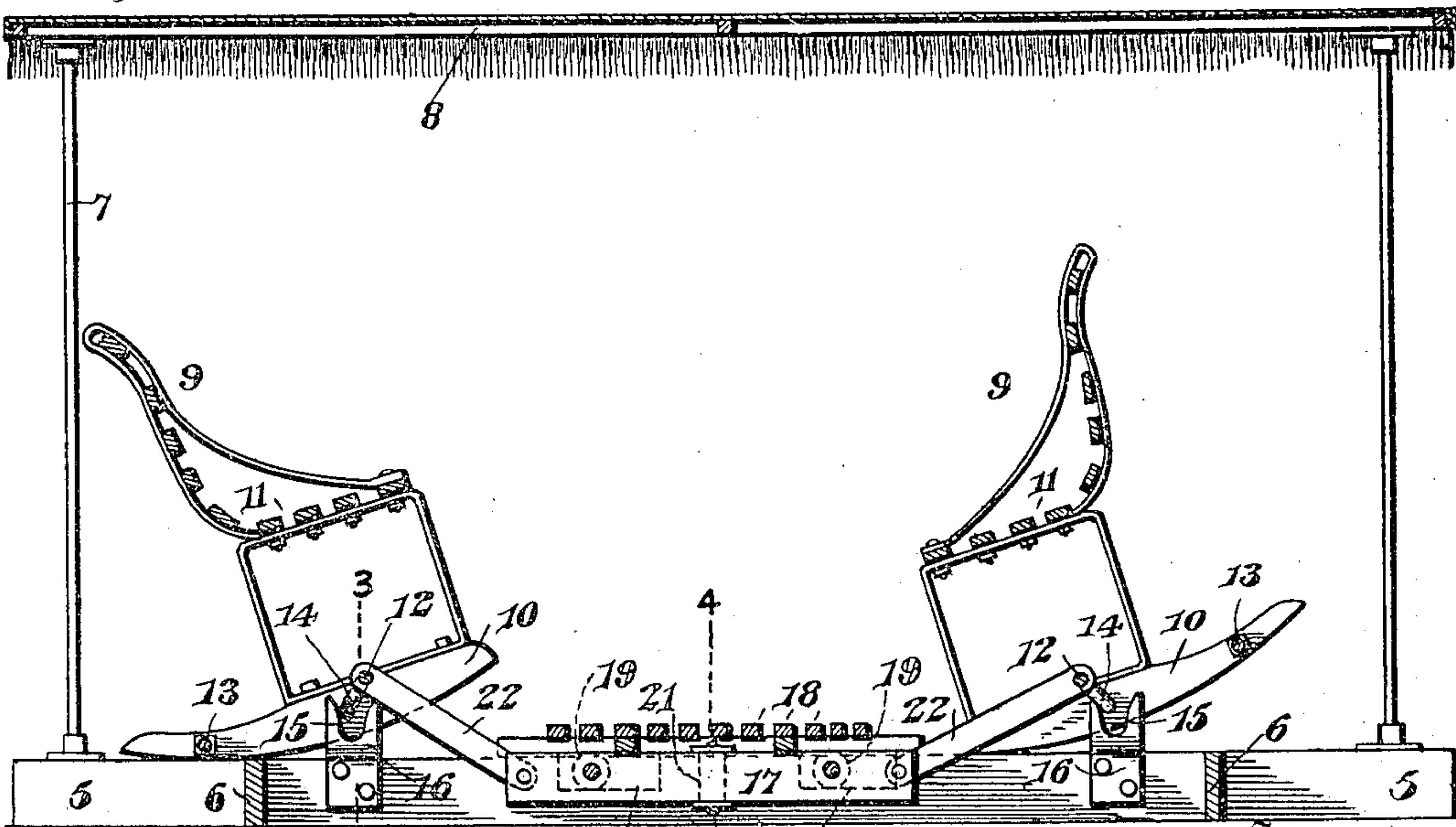


Fig. 3.

Witnesses
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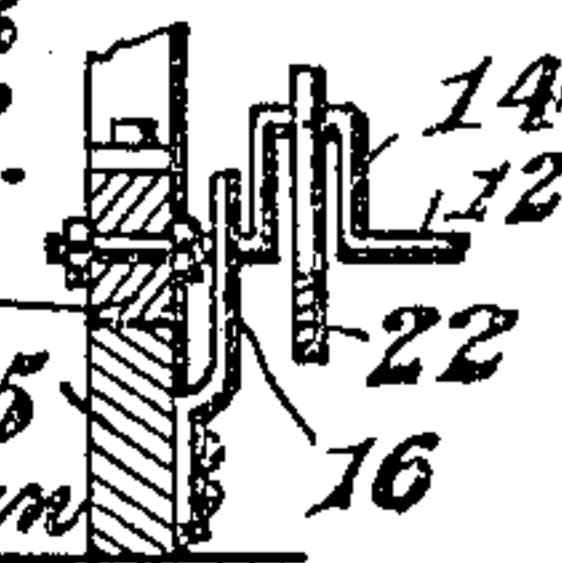
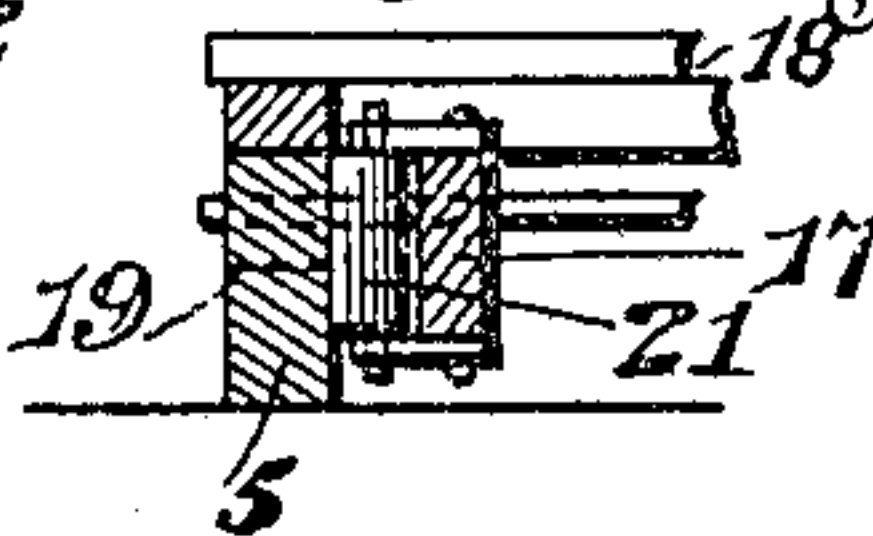


Fig. 4.



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ROCKING SWING.

No. 818,622.

Specification of Letters Patent.

Patented April 24, 1906.

Application filed October 31, 1904. Renewed September 30, 1905. Serial No. 280,833.

To all whom it may concern:

Be it known that I, JOHN HANCOCK, a citizen of the United States, residing at Alton, in the county of Madison and State of Illinois, have invented a new and useful Rocking Swing, of which the following is a specification.

This invention relates to improvements in swings of that character designed for lawns and the like wherein the seats are supported on rockers.

The object is to provide a novel, simple, and comfortable structure of this sort that is compact, so that it will occupy comparatively little space, and which is so constructed that the occupants can operate the same with ease.

The preferred embodiment of the invention is illustrated in the accompanying drawings and is described in the following specification; but an inspection of the claims hereto appended will show that the invention is not limited to the exact structure herein set forth.

In the drawings, Figure 1 is a perspective view of the preferred embodiment. Fig. 2 is a vertical longitudinal sectional view there-through. Fig. 3 is a detail sectional view on the line 3 3 of Fig. 2. Fig. 4 is a detail sectional view on the line 4 4 of Fig. 2.

Similar reference-numerals indicate corresponding parts in all the figures of the drawings.

In the embodiment illustrated a base-frame is employed consisting of spaced longitudinally-disposed sleepers 5, connected contiguous to their ends by cross-ties 6. Upon the ends of said sleepers may be located standards 7, supporting a canopy or top 8.

Seat members 9, located beneath the canopy, consist of spaced rockers 10, that are mounted on the sleepers 5 and carry seats 11, preferably constructed of metal strips and slats, though the same may be of any structure desired. The rockers of each seat member are connected by tie or cross rods 12 and 13, the former of which are provided with offset crank-bends 14. These rods besides acting as braces between the rockers also serve as keepers operating up and down in the guideways 15, formed by bifurcating the upper ends of brackets 16, that are secured to the sleepers 5.

Located between the seat members 9 is a pedal-platform consisting of a frame 17, supporting a slatted foot-rest 18 and carrying rollers 19, that are located in recesses 20,

formed in the upper sides of the sleepers 5, said rollers resting upon the sleepers and constituting movable supports for the platform. In order to obviate friction and binding due to the lateral thrust of said platform, rollers 21 are secured to the frame 17 and bear against the inner sides of the sleepers 5. This platform is connected to the seat members by means of sets of links 22, pivoted to the ends of the platform and also pivoted to the offsets 14 of the adjacent tie-rods of the seat members. With this structure it will be observed that the occupants seated on the seat members will be shaded and can readily operate the swing by reciprocating the platform, this movement effecting the oscillation of the seat members. The rockers being located on the sleepers have a free, level, and unobstructed movement, and the same is also true of the platform, the frictional resistance to the movement of the latter being greatly reduced by the rollers. The rockers are maintained in position by simple means, and the entire structure is compact and comparatively simple, so that there is little liability of derangement, though the parts are readily accessible if repairs become necessary.

From the foregoing it is thought that the construction, operation, and many advantages of the herein-described invention will be apparent to those skilled in the art without further description, and it will be understood that various changes in the size, shape, proportion, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a rocking swing, the combination with a rocker-seat, of a reciprocatory platform, and a link pivoted to the platform and to the rocker-seat.

2. In a rocking swing, the combination with a base, of a rocker-seat mounted thereon, a reciprocatory platform also movably supported on the base separately from the rocker-seat, and connections between the platform and the seat.

3. In a rocking swing, the combination with a base, of a rocker-seat member mounted thereon, a reciprocatory platform having a roller-support on the base, and a link connecting the platform and seat member.

4. In a rocking swing, the combination

with a base including side sleepers, of a seat member having rockers supported on the sleepers, a platform slidably mounted on the sleepers, and links connecting the platform
5 and seat member.

5. In a rocking swing, the combination with a seat member having spaced rockers, of a rod connecting the rockers, a reciprocatory platform, and a link pivoted to the plat-
10 form and to the rod.

6. In a rocking swing, the combination with a seat member having spaced rockers, of a cross-rod connecting the rockers and having an offset, a reciprocatory platform
15 located in advance of the said member, and a link pivoted to the platform and to the offset portion of the cross-rod.

7. In a rocking swing, the combination with a base having an upstanding guideway,
20 of a rocker-seat member having a rod movable in the guideway, a platform, and a connection between the platform and rod.

8. In a rocking swing, the combination with spaced seat members including a seat
25 and rockers rigidly connected thereto, of a platform located between the seat members,

and links pivoted to the platform and to the seat members.

9. In a rocking swing, the combination with a base, of spaced seat members includ- 30
ing rockers supported on the base, and seats rigidly carried by the rockers, a platform located between the seat members and supported on the base, and links pivoted to the platform and having pivotal connections 35
with the seat members.

10. In a rocking swing, the combination with a base including side sleepers, of seat members having spaced rockers supported on the sleepers, a platform located between the 40
seat members and having rollers movably mounted upon the sleepers, and links pivoted to the ends of the platform and connected to the seat members.

In testimony that I claim the foregoing as 45
my own I have hereto affixed my signature in the presence of two witnesses.

JOHN HANCOCK.

Witnesses:

OSCAR KOCH,
O. C. HEIDE.