

S. U. JOHNSON.

PORCH SWING.

APPLICATION FILED JULY 5, 1916.

1,237,786.

Patented Aug. 21, 1917.

2 SHEETS—SHEET 1.

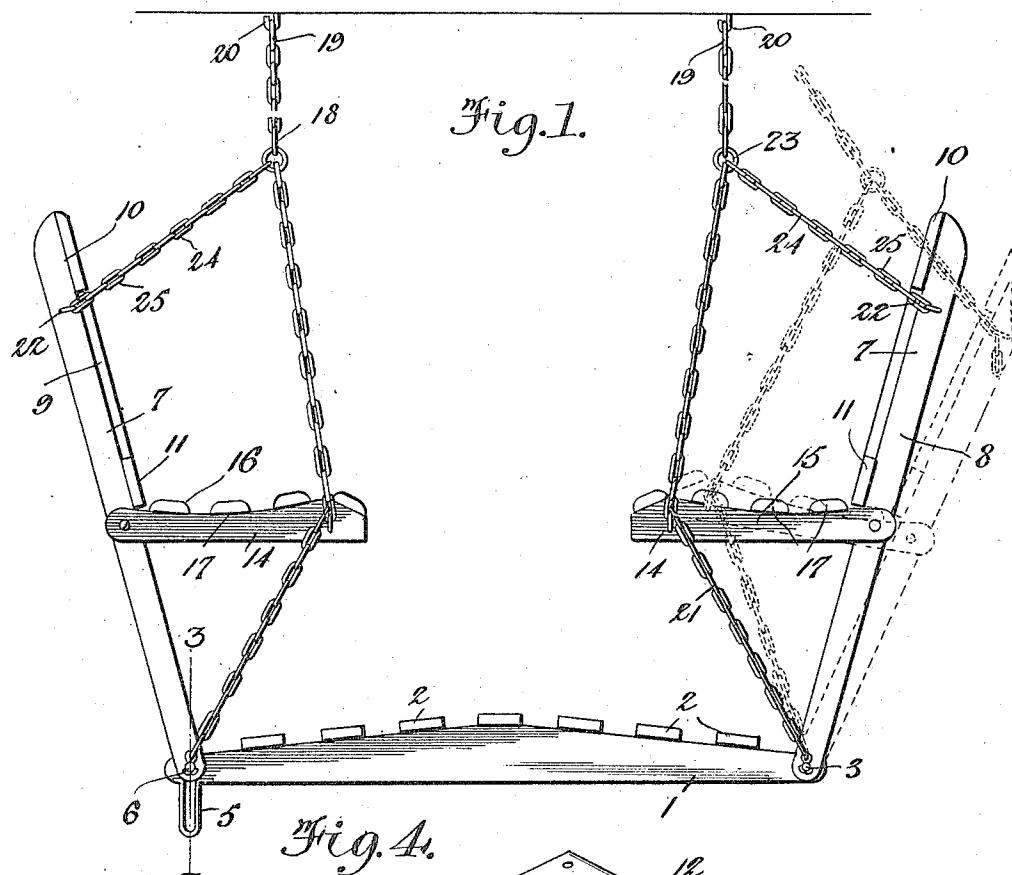


Fig. 1.

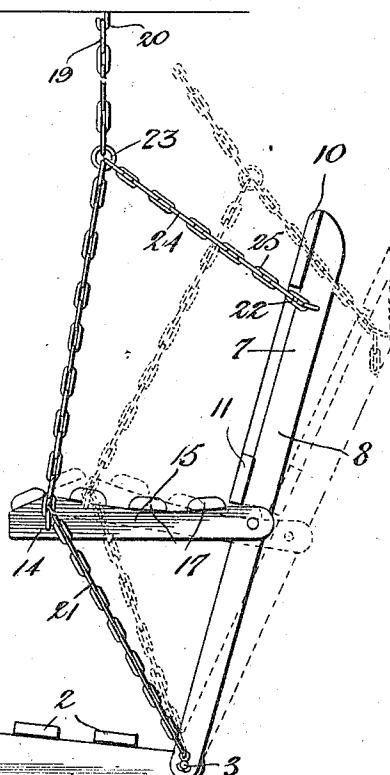
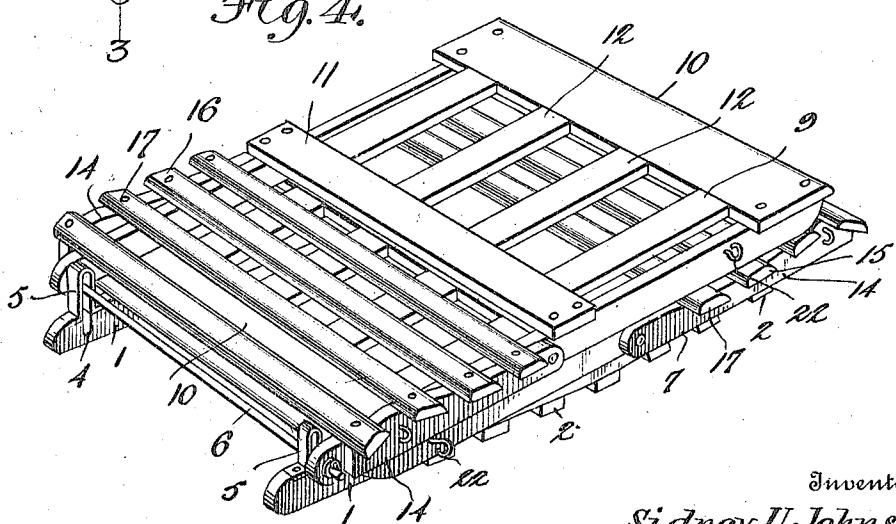


Fig. 4.



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2 SHEETS—SHEET 2.

Fig. 2.

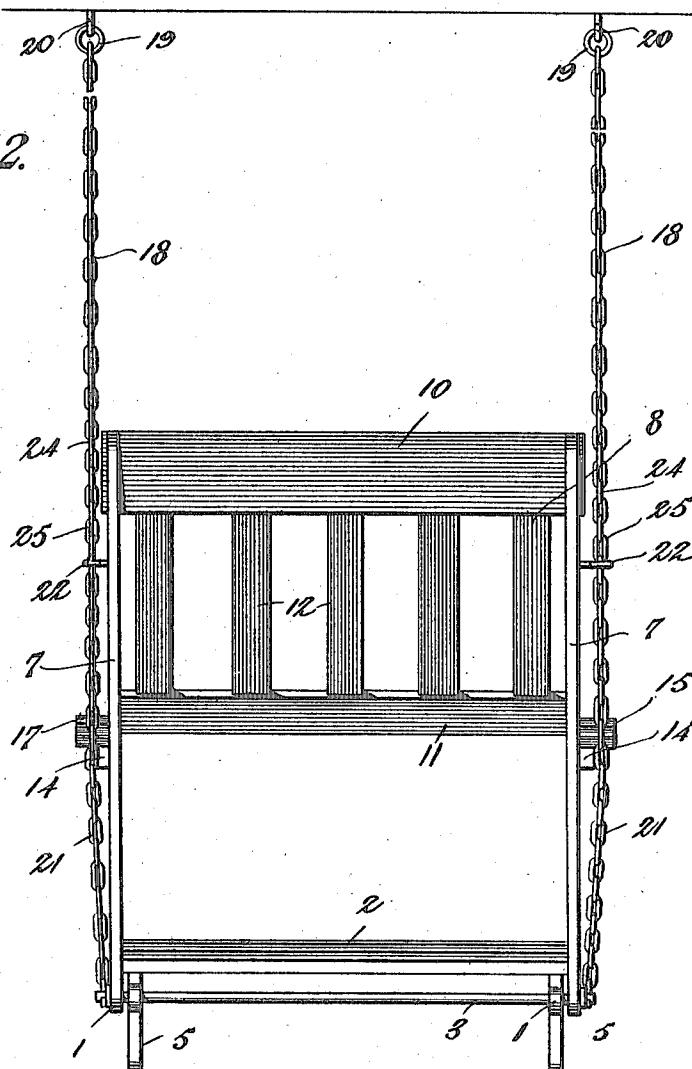
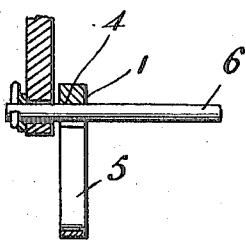


Fig. 3.



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# UNITED STATES PATENT OFFICE.

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## PORCH-SWING.

1,237,786.

Specification of Letters Patent. Patented Aug. 21, 1917.

Application filed July 5, 1916. Serial No. 107,657.

To all whom it may concern:

Be it known that I, SIDNEY U. JOHNSON, a citizen of the United States, residing at Universal, in the county of Vermilion and State of Indiana, have invented new and useful Improvements in Porch-Swings, of which the following is a specification.

This invention relates to an improvement in the construction of porch swings.

10 In carrying out my invention it is my purpose to produce a porch swing of an extremely simple construction including a platform having a seat at each of the ends thereof and being provided with means attached 15 to the supporting elements for the chair whereby either of the said seats may be adjusted independently of the other seat so that the seats may be retained at a different inclination if desired.

20 It is also my purpose to produce a porch swing so constructed and arranged as to permit of the folding of the parts, so that the swing may be collapsed into a small package for storage or transportation.

25 It is a further object of the invention to so construct and connect the parts of a porch swing as to insure a certain amount of flexibility or elasticity between the said parts and so materially add to the comfort of the 30 occupants.

It is a further object of the invention to provide a hanging porch swing with a platform which is arched so as to present a natural and comfortable support for the seat 35 either when the swing is or is not in motion.

With the above and other objects in view the improvement resides in the construction, combination and arrangement of parts set forth in the following specification and falling within the scope of the appended claim.

40 In the drawings:

Figure 1 is a side elevation of a swing constructed in accordance with the present invention, the dotted lines illustrating the 45 manner in which one of the seats may be adjusted without interfering with the position of the other seat,

Fig. 2 is an end view of the same,

Fig. 3 is a detail sectional view approximately on the line 3—3 of Fig. 1, and

Fig. 4 is a perspective view of the device folded.

Preferably I construct the platform of two elongated side pieces 1—1 which have 55 their upper edges rounded from their central portions to their ends, the said sides

being connected at the central rounded portion thereof by transverse slats 2. I provide the side members 1 of the platform adjacent one of the ends thereof with alining openings through which I pass a metal rod 3, and in the said side members 1, adjacent the opposite ends thereof and at their lower edges I form with alining notches 4, and to this end of the said side members of the platform I provide depending metal yokes 5 which straddle the notches so as to have their arms in a line with the side walls of the notches. Through these yokes I pass a metal rod 6 which is adapted to rest in the notches 5 when the swing is in its set up position.

To the projecting ends of the respective rods 3 and 6 I pivotally connect the side members or stiles 7 of the back members 8 and 9 respectively. The spaced side members or stiles 7 of each of the back members 8 and 9 are connected by upper and lower transverse strips 10 and 11 respectively, and the adjacent or confronting edges of these strips may be mortised to receive the tongues 80 of vertically extending slats 12—12.

To the sides or stiles 7 of the back members 8 and 9, directly below the connecting strips 11 I pivotally secure the side members 14 of the seats 15 and 16. The oppositely disposed pairs of side members for each of the seats 15 and 16 are connected by transverse slats 17 which may be secured to the said members 14 in any desired or preferred manner.

To the side members 14 of the seats 15 and 16 adjacent the outer ends thereof I secure the flexible hanging supports 18, the said supports being preferably in the nature of chains and having their upper and free ends provided with rings 19 which are adapted to receive the supporting hooks 20 that are secured to the roof of the porch or to any other structure upon which the swing is to be arranged.

Secured to the projecting ends of the rods 3 and 6 and connected with the side members 14 of the seats 15 and 16, at the points thereon to which the hanging support is secured, are flexible stay members 21 which are adapted to limit the upward swinging of the seats 15 and 16 and these stay members may, as disclosed by the drawings, be formed by the extending ends of the flexible hangers 18.

On the stiles 7 of the back members 8 and 9 upon the outer sides thereof and adjacent

the upper edges thereof are arranged hooks 22—22, and connected with the hanger members 18 as at 23, are adjusting elements 24 preferably in the nature of chains, whereby 5 certain of the links 25 of the said chains may be arranged to engage with the hooks 22, and so permit either of the seats to be adjusted or brought to assume a desired angle independent of the angular arrangement of the other seat. This adjustment, it will be noted, can be accomplished by the occupant of the seat without his removal from the swing and from the above description, taken in connection with the drawings, 10 the simplicity of the construction, strength and flexibility of the same will, it is thought, be apparent to those skilled in the art to which such invention appertains without further detailed description.

20 When the device is to be folded the flexible hangers are, of course, removed from the supporting hooks and the back member 8 is swung under the lower edges of the side members of the platform, and the seat 25 15 connected with the said back 8 is swung in a line with the said side members of the back. The rod 6 connecting the sides 7 of the back 9 is brought out of the notches into the yokes 5 so that the said back may be

swung under the folded back and seat, the 30 seat 16 of the back 9 being folded in a line with the said back and the flexible elements may be employed for securing the pivoted sections of the chair in their collapsed condition.

Having thus described the invention, what I claim is:

In a porch swing, a platform, a rod passing through openings in one of the ends of said platform, a second rod received in 40 notches adjacent the other end of the said platform, substantially U-shaped brackets secured to the platform and surrounding the notches, back members having sides pivotally secured to the mentioned rods, seat members having one of their ends pivotally connected to the said back members, a flexible hanger support for the seats secured adjacent the ends of the said seats, a flexible 45 stay member secured to the said seats at the outer ends thereof and connected with the mentioned rods, a chain member secured to the flexible hanger supports, and hook members upon the back adapted to receive one of the links of said chains.

50 In testimony whereof I affix my signature.

55 SIDNEY U. JOHNSON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."