

B. G. FOSTER.
 SWING SEAT.
 APPLICATION FILED JUNE 11, 1908.

1,061,462.

Patented May 13, 1913.

Fig. 1.

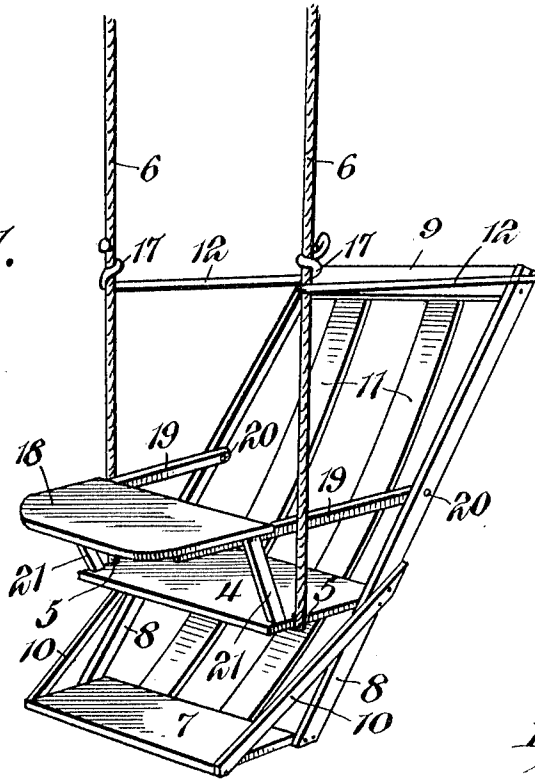


Fig. 2.

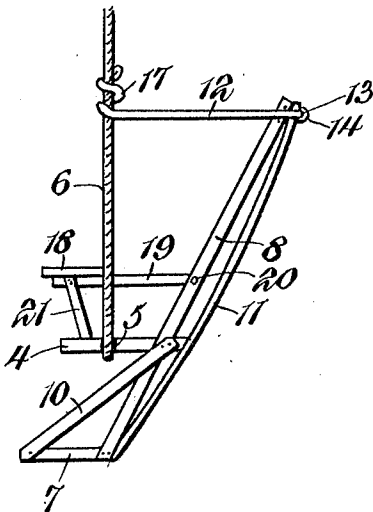
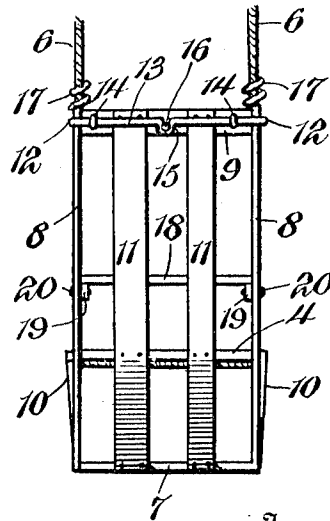


Fig. 3.



Witnesses
 Howard D. Orr.
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 Bertram C. Foster.

UNITED STATES PATENT OFFICE.

BERTRAM G. FOSTER, OF WASHINGTON, DISTRICT OF COLUMBIA.

SWING-SEAT.

1,061,462.

Specification of Letters Patent.

Patented May 13, 1913.

Application filed June 11, 1908. Serial No. 437,900.

To all whom it may concern:

Be it known that I, BERTRAM G. FOSTER, a citizen of the United States, residing at Washington, District of Columbia, have invented certain new and useful Improvements in Swing-Seats, of which the following is a specification.

The principal object of the present invention is to provide a simple swing seat that can be readily applied to and detached from an ordinary rope swing, the same being particularly adapted for children's use and being so constructed that a child placed therein is safely held from falling.

An embodiment of the invention that is at present considered the preferable one is illustrated in the accompanying drawings and described in the following specification. It will be evident, however, from an inspection of the claims hereto appended that the invention is not limited to the specific structure disclosed.

In the accompanying drawings:—Figure 1 is a perspective view of the swing seat in place on the swing; Fig. 2 is a side elevation of the same; and Fig. 3 is a rear elevation.

In the structure disclosed a seat-member or swing-board 4 is employed having notches or sockets 5 in its ends to receive the lower looped end of an ordinary rope swing 6. Below the seat-member or board 4 is preferably located a foot-rest 7 that is preferably arranged substantially parallel to the seat 4, its front edge, however, being disposed slightly in advance of the front edge of the board. The corresponding rear corners of the board 4 and foot-rest 7 are connected by rearwardly and upwardly inclined bars 8, said bars extending above the seat 4 and being connected by a cross-bar 9 forming the frame of the back. To the front corners of the foot-rest 7 are preferably fastened braces 10, their upper ends being secured to the side bars 8 preferably at the seat. This leaves the front portion of said seat entirely free in order that the same may be readily introduced into and removed from the loop of the swing rope 6, as will be evident. The body of the back may be formed in any suitable manner, but preferably upwardly extending slats 11 are employed, these slats being secured at their upper ends to the cross-bar 9 and at their lower ends to the foot-rest 7. Inasmuch as the rear edge of the seat 4 is located in rear of a straight line drawn between the rear edge of the foot-rest 7 and

the rear face of the cross-bar 9, said slats will thus be bowed, as shown in Fig. 2, producing a comfortable back.

In order to prevent the swinging of the structure on the cross portion of the rope that is located beneath the seat, holding arms 12 are employed which are preferably constructed of a single wire or metallic rod of sufficient size and rigidity, this rod having a cross portion 13 extending longitudinally along the rear face of the cross-bar 9, to which it is fastened by staples 14. In order to prevent the swinging movement of the arms, the central portion of this cross portion has an offset bend 15 therein, in which is placed a fastener 16. The free ends of the holding arms are detachably engaged with the sides of the swing rope and its ends are preferably in the form of coils 17 into which the rope can be twisted, the coils being disposed vertically, however, so that when located therein, the rope will be substantially straight.

Any suitable means may be employed for retaining the occupant in place. Thus in the present embodiment a tray 18 is provided having arms 19 pivoted as shown at 20 to the side bar 8. The tray is supported from the seat by standards 21.

It will be evident that this device can be cheaply produced and can be readily applied to or detached from practically any rope swing. It can thus be made as an article of manufacture or merchandise, which being complete in itself, can be sold to the user who can erect the swing in any convenient location and apply the seat thereto or can use it in connection with a swing already put up. Moreover, it has decided advantages for out door use inasmuch as it can be removed from the swing and thus placed under shelter when not wanted, or it can be readily replaced at any time by an ordinary swing-board if it is desired to use the latter.

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

1. As an article of manufacture, a swing seat having means for detachably interlocking with the lower looped end of a swing rope, and means permanently connected with said seat and detachably interlocking with the swing rope above the seat, and means having a fixed relation to the seat when engaged with the rope for preventing un-

due rocking of the seat on the swing rope, while permitting the removal and replacement of the swing seat without dismantling the swing.

5 2. As an article of manufacture, a swing seat including a seat member having notches in its opposite ends to detachably receive the lower looped end of a swing rope, a back carried by the seat member and fixed
10 against movement with respect thereto, and means mounted on the back and detachably interlocking with the swing rope above the seat member for preventing undue rocking of the seat on the swing rope, said seat and
15 rope engaging means being removable from and replaceable in a rope swing in assembled condition without dismantling said rope swing.

3. In a detachable swing seat, a seat member having means for detachably engaging
20 in the loop of a swing rope, and means for securely but detachably holding the seat in position, including an arm connected with the seat and having a coiled portion forming
25 an open socket into which the swing rope can be laterally placed and from which it can be laterally removed.

4. In a detachable swing seat, a seat member, a back rigidly connected thereto, and a
30 holding arm extending forwardly from the back and having a terminal swing rope re-

ceiving coil into which the swing rope can be laterally placed and from which it can be laterally removed.

5. In a detachable swing seat, the combination with a seat member, of a back rigidly
35 connected thereto, and a holding yoke connected to the back and having forwardly extending arms provided with terminal swing rope receiving coils into and out of
40 which the sides of the rope swing can be laterally twisted.

6. In a detachable swing seat, the combination with a seat member having means at its ends to detachably engage with the
45 lower looped end of an ordinary swing rope, of a back connected to the seat, and a holding yoke extending across the back and having forwardly extending arms, said arms having means for detachably engaging the
50 side stretches of the swing rope above the seat member and permitting the lateral engagement and disengagement of said rope while maintaining the seat against tilting
55 on the rope.

In testimony whereof, I hereunto affix my signature in presence of two witnesses.

BERTRAM G. FOSTER.

Witnesses:

ELIOT H. THOMSON,

U. T. MENGERT.

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

It is hereby certified that in Letters Patent No. 1,061,462, granted May 13, 1913, upon the application of Bertram G. Foster, of Washington, District of Columbia, for an improvement in "Swing-Seats," an error appears in the printed specification requiring correction as follows: Page 1, line 110, for the word "and" read *said*; and that the said Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed and sealed this 17th day of June, A. D., 1913.

[SEAL.]

C. C. BILLINGS,
Acting Commissioner of Patents.