

B. P. CRANDALL, Jr. & W. TWIDDY.

Combined Rocking-Horse and Swing.

No. 136,707.

Patented March 11, 1873.

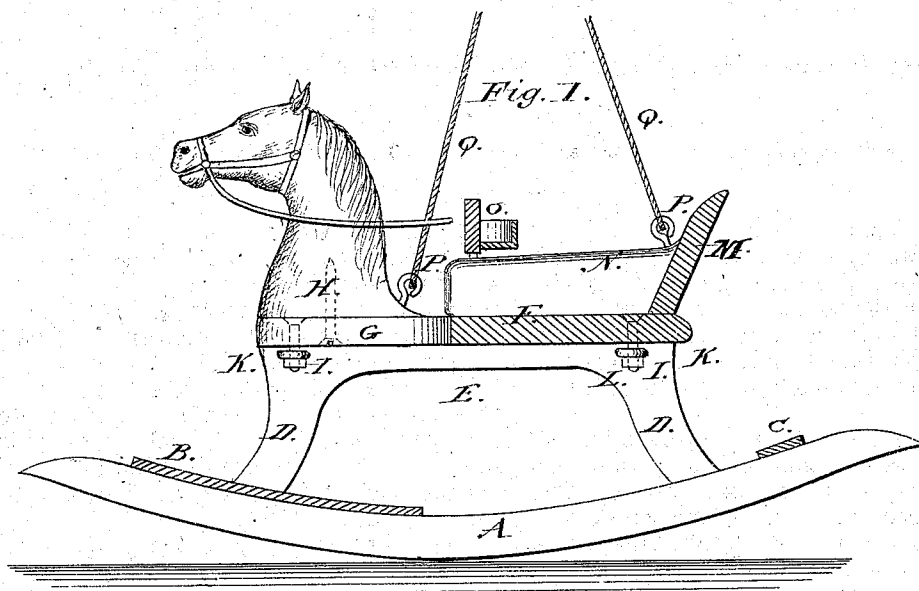
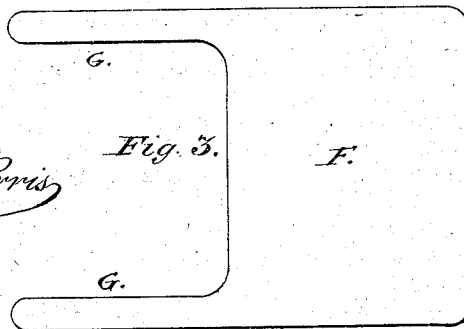
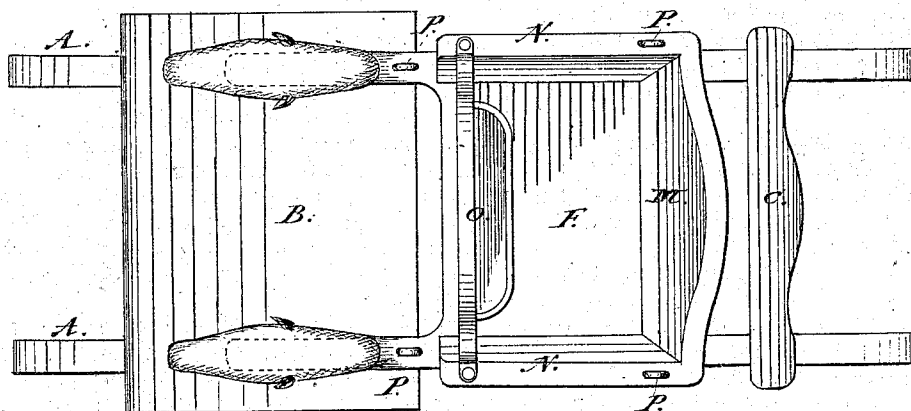


Fig. 2.



Witnesses:

Albert H. Norris
Wm J. Peyton.

Fig. 3.

F.

Inventors.

Wm Twiddy & 2^d
B. P. Crandall Jr. 1st
By Jas. L. Norris
Atty.

UNITED STATES PATENT OFFICE.

BENJAMIN P. CRANDALL, JR., AND WILLIAM TWIDDY, OF WILLIAMSBURG,
NEW YORK.

IMPROVEMENT IN COMBINED ROCKING-HORSES AND SWINGS.

Specification forming part of Letters Patent No. 136,707, dated March 11, 1873.

To all whom it may concern:

Be it known that we, BENJAMIN P. CRANDALL, Jr., and WILLIAM TWIDDY, of Williamsburg, in the county of Kings and State of New York, have invented certain new and useful Improvements in Rocking-Horse and Swing, of which the following is a specification:

This invention has for its object to furnish a rocking-horse for children's use, which can be readily adapted for use as a swing. The principal feature of our invention consists in forming with the seat, or integral therewith, two forwardly-projecting arms or bars carrying profile figures of horses at their ends, and connected with the base or rockers of the frame so as to be easily detached therefrom. The second feature of our invention consists in attaching the suspension ropes or rods to the seat portion of the frame by means of detachable connecting devices, permitting the removal of the same when the various parts are combined to form a rocking-horse.

In the drawing, Figure 1 is a longitudinal section of a rocking-horse, representing also the detachable suspension ropes or rods. Fig. 2 is a plan or top view of the same. Fig. 3 is a plan view of the seat-board.

The rockers A are arranged parallel to each other, at a suitable distance apart, and are connected by means of a transverse front foot-board, B, and rear transverse board C. The legs or vertical arms D attached to the rockers are formed or provided with longitudinal bars E, which serve as a support for the upper or seat portion of the frame. The seat-board F is formed at its sides with projecting arms G, which extend to the front of the bars E, to which they are detachably connected, in the manner hereinafter described. The arms G of the seat carry at their front ends profile figures of horses or other animals or birds, which are secured to the arms by screws H, or in any other suitable manner. The lateral arms of the seat and the rear end of the seat-board are provided with countersunk openings for the reception of the heads of screw-bolts I, the shanks of which project through

said arms and through the eyebolts K, passing transversely through said legs. Nuts L are applied to the ends of said bolts for securing the various parts in position, while allowing their ready disconnection for use in the manner described.

It will be obvious that instead of eye-bolts other equivalent devices may be employed for receiving screw-bolts, such as stationary screw-nuts inserted into the legs and receiving the ends of the bolts, the movable nuts being in this instance removed.

The board F, being in one piece with the lateral arms G, is capable of being easily and cheaply constructed from a single piece of lumber, and, in connection with the back-support M and arm-supports N, constitutes a firm and simple seat.

A toy receptacle or box, O, extends transversely in front of the seat, and is connected to the arm-supports of the same by means of pins and sockets, or it may be connected to the same by hinges or springs.

The device, as represented in Fig. 1 of the drawing, constitutes a rocking-horse, operating in the well-known manner common to such devices, and for converting the same into a swing it is only necessary to detach the rockers and its attached legs, which is easily accomplished by unscrewing the nuts on the fastening-bolts.

To the upper or seat portion of the frame is attached, by eyebolts P or other fastenings, a suitable number of ropes or rods, Q, for suspending the seat from a ceiling or other support, so as to permit the proper oscillating movement of the swing.

Said suspension-rods or fastening devices are, however, not to be always detached when the device is used as a rocking horse or chair, as the rope can readily be inserted into the seat, so as to be out of sight.

We claim as our invention—

1. A rocking horse or chair provided with a seat-board, F, formed with forwardly-projecting arms G for securing the same to the base or rocker frame D, as herein set forth.

2. In a rocking-horse, the detachable seat

or upper portion F, formed as shown, secured to the base or rocker portion, substantially as described.

3. The combination with the detachable seat portion F, constructed as described, of suspension ropes or rods Q Q, as described, for converting the same into a swing, as herein set forth.

In testimony that we claim the foregoing we have hereunto set our hands this 11th day of January, 1873.

BENJAMIN P. CRANDALL, JR.
WILLIAM TWIDDY.

Witnesses:

ROBERT MCVICAR,
EDWARD MCCARTY.

1.000
wood