(No Model.)

J. M. McCORD.

CHILD'S SWING.

No. 405,496. Patented June 18, 1889.

Fig. 1.

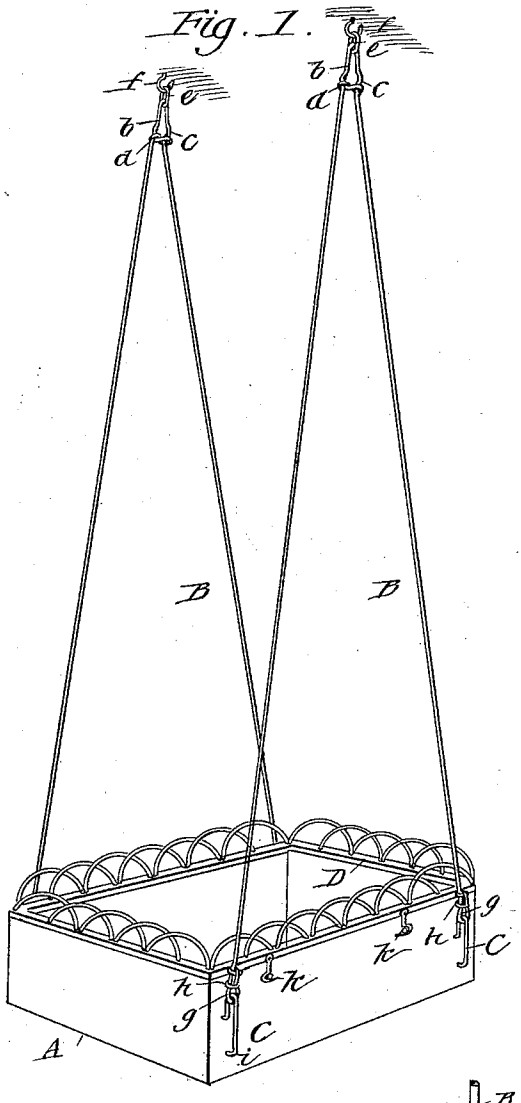


Fig. 2

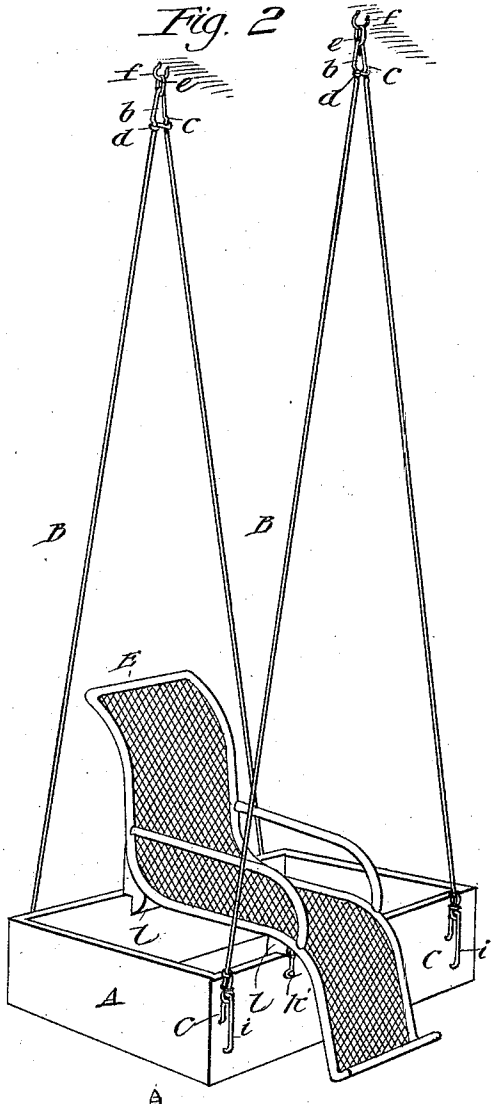


Fig. 3.

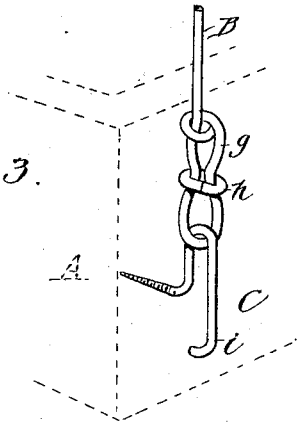
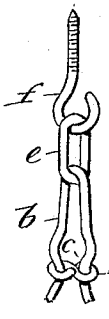


Fig. 4.



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UNITED STATES PATENT OFFICE.

JAMES M. McCORD, OF MONTGOMERY, INDIANA.

CHILD'S SWING.

SPECIFICATION forming part of Letters Patent No. 405,496, dated June 18, 1889.

Application filed October 8, 1888. Serial No. 287,536. (No model.)

To all whom it may concern:

Be it known that I, JAMES M. McCORD, of Montgomery, in the county of Daviess and State of Indiana, have invented a new and Improved Child's Swing, of which the following is a full, clear, and exact description.

This invention has mainly for its object the production of a swing mainly designed to be used in the place of a crib or cradle for infants, and as an amusement and means of exercise or place of rest for older children, and which shall be cheap, durable, safe, and easily set up or taken down, and suitable to be hung either in a room, hall, on the porch of a house, or elsewhere.

The invention consists in certain novel constructions and combinations of parts in such a swing, substantially as hereinafter described, and pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 represents a view in perspective of a swing embodying my invention and as carrying a box at its lower end having fitted on it a removable raised frame. Fig. 2 is a further perspective view of the swing, having a seat mounted on the box in place of the removable frame; and Figs. 3 and 4 are views in elevation, upon a larger scale, of the upper and lower end portions of one of the suspension-wires of the swing and of the means used to carry and connect the same at the upper and lower ends of the swing.

A is a box, in which may be placed a mattress, pillow, or other soft bottom filling when the swing is designed to carry a baby or young infant, and under which circumstances the swing may be used in place of a crib or cradle, and time and labor on part of the attendant be economized, as the swing once started will keep in motion for some time, thus dispensing with the constant rocking of a cradle and leaving the attendant at liberty to do other work. From the four corners of this box A are stretched or arranged suspension-wires B B, bent or doubled over at their upper ends *b*. These hangings, being of wire, will not be so liable to stretch or get out of order as cords. Said doubled-over upper ends *b* of said wires are crimped or bent, as at *c*, and there secured by an S-shaped wire clamp *d*, which, when once adjusted, holds the suspension-wires firm and from spreading. A close or solid link *e* engages with this clamped bent end portion *b* of either wire B, which link *e* in its turn engages with a screw-hook *f*, secured in the ceiling of a room, beam, or elsewhere, and which hooks form the points or places of the swing's suspension. These hooks are preferable to staples, and should be so constructed and arranged at their points as that, while they admit of the suspension-wires, or, rather, the links *e*, being removed from them when required, the same will not be liable to be jerked out when using the swing. By the interposition of the links *e* between the suspension-wire loops or ends *b* and the hooks *f* the wear upon the suspension-wires and their liability to cut or break is greatly reduced. The lower ends of the suspension-wires are also doubled or bent over to form a loop *g*, and secured at their bent-over portions by a ring or C-shaped wire clamp *h*. The lower loops *g* of the wires B are arranged to engage with screw-hooks C, having elongated shanks *i*, bent inward at their outer ends. These hooks are screwed into the sides of the box A near its ends, and by turning said hooks a quarter round the suspension-wires B B can be disengaged from them, the screw-hooks *f* be removed from above, and the swing be transferred to another place.

D is a frame, of basket-work or other material of any desired pattern, capable of being placed on or above and round the box A, and which is designed to be used when the child placed in the box is old enough to sit up, and whereby the child is prevented from falling out of the box. This frame D, when in place, is secured by hooks *k* engaging with suitable catches, so as to provide for the ready removal of the frame; or, instead of this frame D, a seat E of chair shape may be used for an older child, the same, which may be made of any suitable material, being provided with rabbeted cleats *l* on its bottom, adapted to rest on and fit within or lap over the sides of the box, and the seat be further held secure in its place by hooks *k'*; or the same hooks might be made to answer both for the frame D and the seat E.

The wires B B, it will be observed, are sus-

pended from independent hooks, and each wire connected at its lower ends near the ends of the box A, the one to the one side of the box and the other to the opposite side of the box, to facilitate the swinging of the box endwise, the swing only being worked sidewise when the seat E is attached.

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

The combination, with the swing-box A, of the removable raised frame D, the removable seat E, and fastenings securing either said frame or seat to the box, essentially as described.

JAMES M. McCORD.

Witnesses:
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AUSTIN T. HIXON.