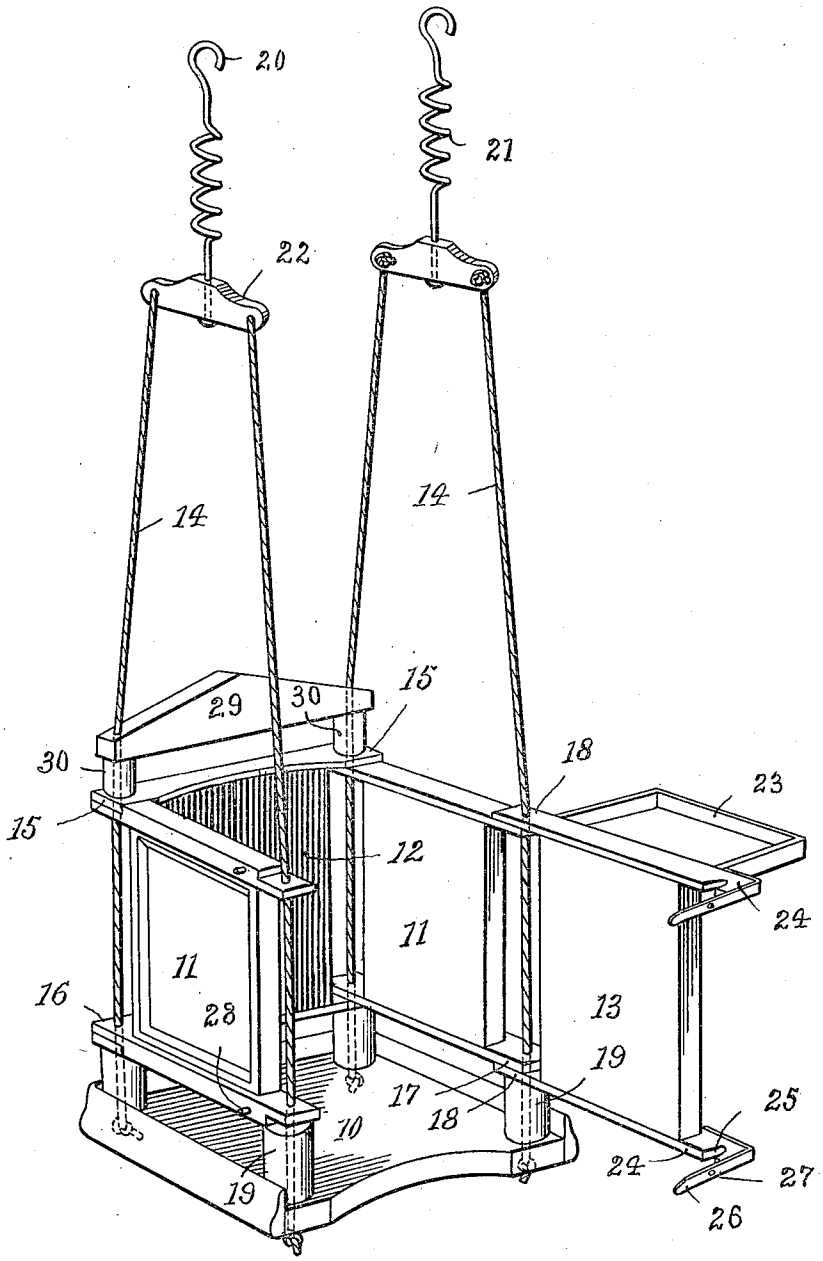
G. W. GARDNER.

CHILD'S SWING.

APPLICATION FILED NOV. 18, 1920.

1,369,799. **Patented Mar. 1, 1921.**



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1,369,799. Specification of Letters Patent. Patented Mar. 1, 1921.

Application filed November 18, 1920. Serial No. 424,867.

To all whom it may concern:

Be it known that I, GEORGE W. GARDNER, a citizen of the United States, and resident of Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Children's Swings, of which the following is a specification.

This invention has for its object to produce a comfortable swing for children which will be of simple, durable and economic construction, and will be provided with a novel and dependable front or closure member adapted to insure the safetly of a child occupying the swing.

With the above and other objects in view, the invention comprises the construction, arrangement and combination of parts now to be fully described and hereinafter specifically claimed.

In the accompanying drawing forming a part of this specification, the figure is a perspective view of the inproved swing.

In said figure, 10 denotes the bottom or seat of the swing, 11 denotes side members, 12 the rear member, and 13 the front member. These members are all separate and are held to each other by means of the suspending ropes, denoted by numeral 14. As will be understood, the bottom or seat is provided adjacent each of its four corners with holes adapted to receive the lower ends of the suspending ropes, and said ends are tied in knots after being passed through said bottom or seat to hold the same. This is common construction and requires no further description. The suspending ropes are also passed through extensions of the side, back and front members before being inserted through the holes of the bottom or seat. To this end, said back member is provided with extensions denoted by 15 adapted to receive the suspending ropes located at the rear of the swing, and the side members are provided with extensions 16 and 17 adapted to receive said rear ropes and the front ropes, respectively. It will be apparent that the extensions 16 are all located between extensions 15, so that the side members are confined by the back member. The front member is provided with extensions 18 adapted to receive one of the front supporting ropes of the swing, and the extensions last mentioned are spaced sufficient distance apart so that extensions 17 may be snugly arranged therebetween. The side, back and front members do not rest directly against the bottom or seat of the swing, hollow cylindrical members 19 through which the suspending ropes pass, supporting said members from said bottom or seat. The suspending ropes pass freely through all of the extensions, so that when the swing is hung up, as by means of hooks 20 carrying coil springs 21 attached to cross bars 22 in the opposite ends of which the suspending ropes are secured, the hollow cylindrical members, side, back and front members are supported by the ropes from the bottom or seat of the swing, and assume the positions in which they are shown in the drawing.

It will be apparent that one side of the front or closure member of the swing is pivoted to one of the front suspending ropes, and that the said front member can be swung open as shown and is particularly supported upon and beneath extensions 17 of the adjacent side member. As very clearly shown, I provide the front member with a tray 23 which is rigidly attached to said front member in proper position to allow the tray to support either food or toys. I further provide said front member with extension 24 by means of which the same can be attached to the side member which is opposite the pivoted extensions of said front member. Extensions 24 mentioned are each notched, as indicated by numeral 25, to receive the front rope opposite the one upon which extensions 18 are pivoted. These extensions 24 are further provided with holding means including resilient metal clips 26 which extend rearwardly therefrom and have openings 27 adapted to engage pins 28 carried by the upper and lower portions, respectively, of said opposite side member.

29 denotes a head rest having holes in its opposite ends through which the rear suspending ropes are threaded and 30 denotes tubular members which receive said ropes and are located between the upper end of the back member of the swing and the head rest to space said head rest from said back and to thus position the head rest at a higher elevation on said suspending ropes to render it more yieldable to the pressure of the child's head, as will be evident.

It is to be understood that the front member consists of a continuous piece of material adapted to confine the child in the swing when the resilient metal clips have been made to engage the pins and that the hollow

cylindrical members provide space between the front member and a seat for passage of the child's legs. It is to be here remarked that the fastening means shown and described is dependable in every respect. To release the clips to allow the front member to swing on its pivot, it is necessary that both of the resilient clips be simultaneously sprung from the pins. As hereinbefore stated, one of these clips is located at the top of the front or closure member and the other is located at the bottom thereof. This arrangement provides for absolute stability of the front member and its tray, and makes it absolutely impossible for a child to release the closure member while occupying the chair. Should the upper spring clip be removed from its pin, the front or closure member would still be held by the bottom clip, and as soon as said top clip is released, the pin will readily find the opening.

What I desire to claim is:

1. A child's swing comprising separate members including a seat, a back member, side members, a front member, hollow cylindrical members between said seat and said other members mentioned, and suspension ropes extending freely through all of said members and engaging the seat, and said front member being pivoted on one of said ropes and provided with notches adapted to receive another of said ropes, said front member further provided with resilient holding clips having openings, and one of said side members provided with fixed pins adapted to enter said openings.

2. A child's swing including a seat, hollow cylindrical members resting thereon, back, side and front members provided with extensions and supported from said hollow cylindrical members, suspension ropes freely passing through all of said extensions and through said seat and hollow cylindrical members to hold all of the parts of said swing in fixed relation, and other extensions carried by said front member, said other extensions being located at the top and bottom respectively, of said front member and provided with rearwardly extending resilient holding clips having openings, and one of said side members carrying pins adapted to enter said openings to rigidly and detachably secure said front member to said last mentioned side member.

3. A child's swing including a seat, hollow cylindrical members resting thereon, back, side and front members provided with extensions and supported from said hollow cylindrical members, tubular members resting upon the upper end of said back member, a head rest located upon said tubular members, suspension ropes freely passing through said seat, cylindrical members, back, side and front members, tubular members and said head rest and adapted to hold all of the parts of said swing in fixed relation, said front member being pivotally supported at one of its sides upon one of said suspension ropes and carrying at its other side a pair of resilient holding clips having openings, and pins protruding from the top and bottom of one of said side members and adapted to enter said openings to secure said front member against rotation on its pivot.

Signed at Bridgeport in the county of Fairfield and State of Connecticut this 16th day of November A. D., 1920.

GEORGE W. GARDNER.

Witnesses:

C. M. NEWMAN,

LILLIAN M. ALLING.