Aug. 5, 1924. 1,503,493

J. M. EIFFE

CHILD'S SWING

Filed Oct. 26, 1923

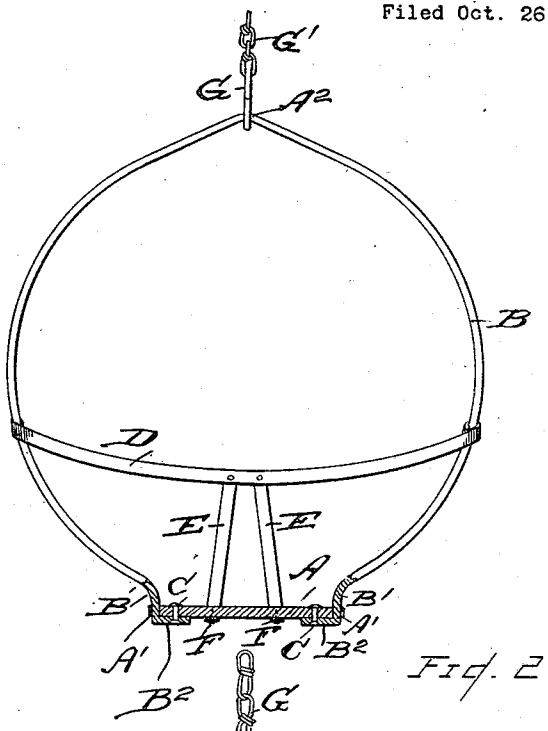


Fig. 2.

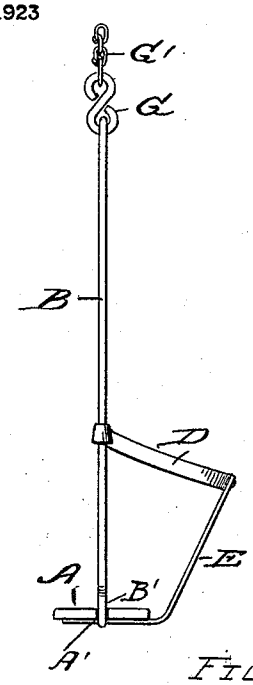


Fig. 3.

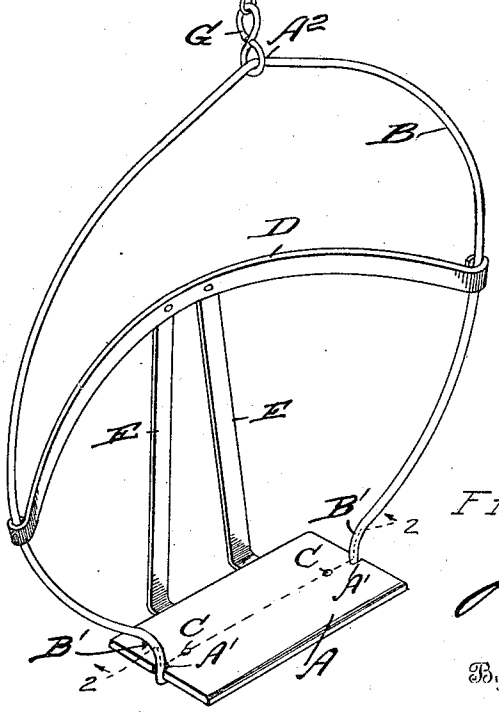


Fig. 1.

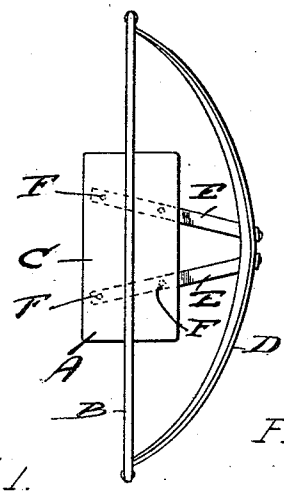


Fig. 4.

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UNITED STATES PATENT OFFICE.

JAMES M. EIFFE, OF FULTONVILLE, NEW YORK, ASSIGNOR TO WHITE MOP WRINGER COMPANY, OF FULTONVILLE, NEW YORK, A CORPORATION OF NEW YORK.

CHILD'S SWING.

Application filed October 26, 1923. Serial No. 670,330.

To all whom it may concern:

Be it known that I, JAMES M. EIFFE, a citizen of the United States, residing at Fultonville, county of Montgomery, State of New York, have invented a certain new and useful Improvement in Children's Swings, and declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to a child's swing shown in the accompanying drawings and more particularly described in the following specification and claims.

The object of my invention is to provide a simple and inexpensively constructed swing embodying a hoop-shaped frame fitted with a seat and a support for the back secured to laterally extending arms engaging the hoop-shaped frame to which the seat is attached.

A further object of the invention is to provide simple and effective means for securing the seat in the hoop-shaped frame so as to provide a rigid construction and whereby it cannot be readily displaced.

Another feature of the invention consists in indenting or looping the hoop-shaped frame at the top to receive the end of a chain or cable by which it may be suspended from a porch ceiling or the like—the object of the loop or identation being to "center" the chain in the hoop-shaped frame so as to insure at all times a substantially level seat for the occupant.

With the foregoing and other objects in view which will appear as the description proceeds the invention further resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed it being understood that changes may be made in the precise embodiment of the invention herein disclosed without departing from the spirit of the same.

In the drawings accompanying this specification:

Figure 1 is a perspective view of the device attached to a fragment of a chain by which it is suspended from a porch ceiling or other support.

Figure 2 is a front elevation of the device with parts in section, taken on or about line 2—2 of Figure 1.

Figure 3 is a side elevation of the device.

Figure 4 is a plan view of the same.

Referring now to the letters of reference placed upon the drawings:

A, denotes a seat preferably formed of wood, to which is secured a hoop-shaped frame B;—the frame adjacent to its ends are bent downwardly at B^1, so as to extend through notches A^1, in the ends of the seat. The ends B^2 of the hoop-shaped frame are flattened and bent to extend at right angles beneath the seat,—to which they are attached by bolts or rivets C. Extending laterally and connecting the opposite walls of the hoop-shaped frame is an arcuate member D, the ends of which are looped around the frame A, to engage the latter. E, E, designate straps riveted to the member D, extending downwardly therefrom at an angle toward the seat A,—the ends of the strap being bent beneath the seat to which they are secured by screws F, extending through members into the seat. The upper portion of the frame A is bent medially as at A^2 to form a recess or loop to receive the end link or hook G of a chain G^1, by which the device may be suspended from a ceiling or other support.

As shown in Figure 3 the upright members E, E, incline backwardly at an angle from the seat so as to provide a comfortable support for a child's back when leaning backwardly in the act of swinging while the arc-shaped transverse member D provides a support for the shoulders and the arms of the child. It will be noted that the peculiar form of construction admits of the device oscillating backwardly and forwardly in the manner of an ordinary swing, or it may be wound and unwound due to the twisting and untwisting of the chain from which it is suspended in a manner very pleasing to a child.

Having thus described my invention what I claim is:

1. In a device of the character described, a hoop-shaped frame having its ends bent downwardly to form a shoulder and thence horizontally toward each other, a seat located within the hooped shaped frame notched to receive the downwardly extended ends of the frame and resting upon the horizontally disposed portions of the frame to

which it is secured, an arcuate transverse member secured to the opposite walls of the hoop-shaped frame, a pair of upright members having their lower ends secured to the underside of the seat and their upper ends attached to the transverse arcuate member and means for suspending the hoop-shaped member from a suitable support.

2. In a device of the character described; a single indented element bent into substantially hoop-shaped form with its ends extending horizontally toward each other to form steps adapted to support a seat; a seat secured to the stepped portion of the hoop-shaped element; a suspended supporting element adapted to engage the indented portion of the hoop-shaped member, whereby the latter may not be accidentally dislodged; an arc-shaped back supporting member having its ends secured to opposite spaced portions of the hoop-shaped member, and a pair of L-shaped members secured to the bottom of the seat and to said arc-shaped back supporting member.

In testimony whereof, I sign this specification in the presence of two witnesses.

JAMES M. EIFFE.

Witnesses:
L. N. VEDDER,
R. E. LEWIS.