No. 642,883. Patented Feb. 6, 1900.

C. SEOANE.

ROTARY SWING.

(Application filed Dec. 24, 1898.)

(No Model.)

Fig. 1.

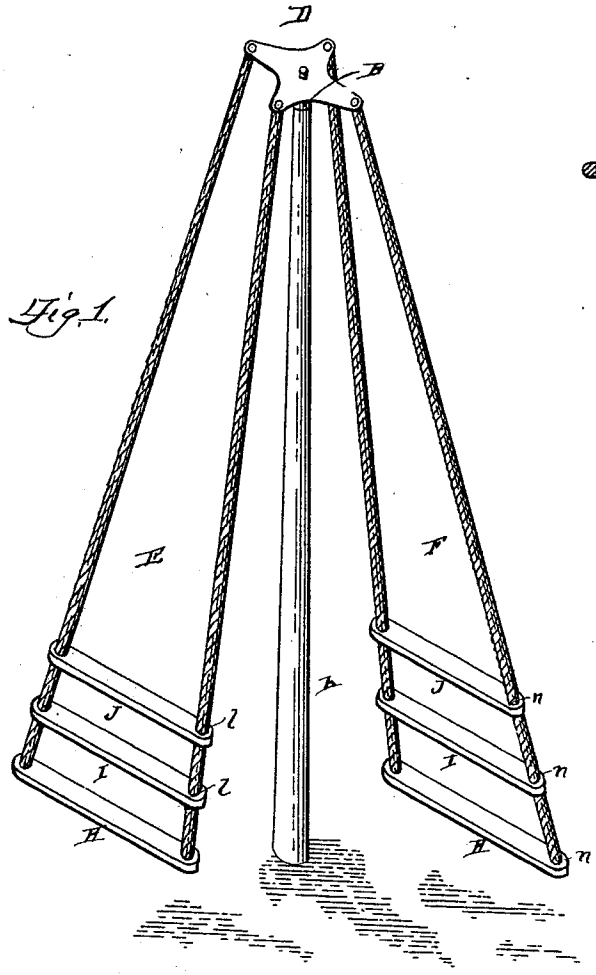


Fig. 3.

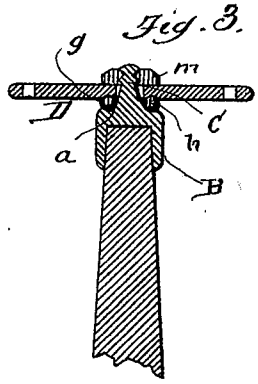
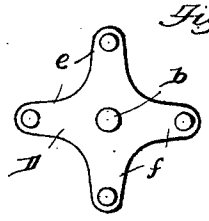


Fig. 2.



WITNESSES.

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UNITED STATES PATENT OFFICE.

CORNELIA SEOANE, OF MERRIFIELD, VIRGINIA.

ROTARY SWING.

SPECIFICATION forming part of Letters Patent No. 642,883, dated February 6, 1900.

Application filed December 24, 1898. Serial No. 700,203. (No model.)

To all whom it may concern:

Be it known that I, CORNELIA SEOANE, a citizen of the United States, residing at Merrifield, in the county of Fairfax and State of Virginia, have invented certain new and useful Improvements in Rotary Swings, (a safe amusement for children;) and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, forming a part of this specification.

This invention relates to new and useful improvements in revolving swings, and has for its object to provide a simple and durable construction for the amusement of children.

The invention consists in a pole rising from the ground, where it is held in a vertical position, and providing a suitable frame at the top, adapted to turn thereon, and from the outer ends of which are suspended suitable ropes and cross-bars for seats, upon which the children are carried.

It further consists in the general construction and arrangement of the parts to be hereinafter described and claimed.

Referring to the accompanying drawings for a better understanding of my invention, Figure 1 is a perspective view of my improved swing. Fig. 2 is a plan view of the supporting-frame; and Fig. 3 is a cross-section of the top of the pole, taken through the cap and supporting-frame, showing the ball-bearings and the manner of carrying said frame.

A represents the bar, which may be of any suitable size and height, which is adapted to be secured and supported in the ground in an upright position. At the upper end of this pole there is fitted the cap B, having the bolt C rising from the center thereof, and the ball-bearing seat *a*, formed in the upper surface around said bolt.

D represents the supporting-frame, which, as seen in Fig. 2, is provided with the aperture *b*, adapted to fit over the bolt C, and having the arms *e f* extending in opposite directions and perforated to receive the ropes E F. In the lower face of this supporting-frame there is provided a circular groove *g*, arranged to register with the seat or groove *a*, within which the balls *h* are located to carry the supporting-frame D and to form a ball-bearing for the easy rotation of said frame.

The ropes E F are secured at their upper ends to the arms *e* and *f* of the frame and extend downward at a suitable distance above the ground, where they are connected by cross-bars or seats H I J, which are of variable lengths and arranged above each other, as shown in Fig. 1, to accommodate three or more children. The arrangement of the ropes and seats form ladders upon opposite sides of the pole, and when the children are fixed in their respective seats the one nearest the ground starts the swing in its course around the pole until sufficient speed is gained to cause the bodies to swing out at a slight angle to the pole by virtue of the centrifugal force.

As a means for preventing the supporting-frame D from escaping I provide a holding-nut *m*, arranged to engage over the upper threaded end of the bolt C.

As shown in the drawings, the seats are secured to the ropes by providing holes through the ends thereof, through which the ropes are passed, and when the proper position is obtained the said ropes are knotted, as shown at *n*. It will be apparent, however, that other suitable means may be employed without departing from the spirit and scope of my invention.

From the foregoing it will be obvious that some slight modifications may be made in the general construction and arrangement of the parts without materially affecting the results, and I desire to have it understood that while the form shown and described is preferred I do not wish to limit myself thereto.

Having thus described my invention, what I claim is—

In a revolving swing, the pole A supported in an upright position, and the cap B having the bolt C rising from the center thereof, said cap fitting onto the upper end of said pole and being provided with a ball-bearing seat *a* formed in the upper surface around said bolt; in combination with the supporting-frame D provided with an aperture *b* adapted to fit over said bolt and having perforated arms *e*, *f* extending in opposite directions from the

center, said plate being grooved at *g* to register with the ball-bearing seat *a*, the balls *h* arranged to fit within said seat and adapted to support said frame, the nut *m* on the upper end of said bolt above the frame, the ropes E, F secured at their upper ends to said arms *e* and *f*, and the cross-bars H, I, J of different lengths connecting the lower ends of said ropes at different heights and adapted to form seats, substantially as described.

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

CORNELIA SEOANE.

Witnesses:
E. R. WOOD,
J. MCKENY.