

CAROUSAL, OR. ROUNDAABOUT.

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UNITED STATES PATENT OFFICE,

ROBERT STEEL, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN CAROUSALS OR ROUNDABOUTS.

Specification forming part of Letters Patent No. **171,878**, dated January 4, 1876; application filed November 27, 1875.

To all whom it may concern:

Be it known that I, ROBERT STEEL, of the city and county of Philadelphia, Pennsylvania, have invented a new and Improved Ship Carousal or Roundabout, of which the following is a specification:

Figure 1 is a top view of my improved device, part being removed and part being broken away to show the construction; and Fig. 2 is a cross-section of the same, taken through the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved device to take the place of the horse carousals or roundabouts now in use in parks and other places of amusement for children to ride upon, and which shall be free from any danger of the children being injured by falling from their places.

The invention consists in the combination of a rigged vessel with a revolving wheel and its driving mechanism, and in the combination of the cloth painted to represent waves, and the balls or wheels and their supports, with the revolving wheel and the rigged vessel, as hereinafter fully described.

A is a large wheel, the hub of which revolves upon a stationary post, B. To the under side of the rim of the wheel A are attached, or upon it are formed, teeth C, which mesh into the teeth of a small gear-wheel, D, attached to a shaft, E, which works in bearings in posts or other supports, F, and to the outer end of which is attached a crank, G, or other means for applying power. To the wheel A is attached a full-rigged vessel, H, upon which the children are received, and which may be

rigged as a sail or steam vessel, as may be desired. At one side of the wheel A is erected a landing or platform, I, for the passengers entering or leaving the vessel H, and which is provided with a stationary ladder or plank, J, for ascending to or descending from the vessel. The surface of the wheel A is covered with a cloth, K, which surrounds the vessel H, and is painted to represent waves. L are balls or wheels pivoted to stationary supports M, placed beneath the wheel A, and which are made of such a height that the cloth K may rest upon them, so that, as the wheel A is revolved, the rollers L may give a movement to the cloth K, causing it to have the appearance of waves in motion, and giving to the device the appearance of a vessel upon the sea. The rim of the wheel A is supported in a horizontal position by rollers N, pivoted to posts O, placed at suitable distances apart to fully support the wheel.

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

1. A roundabout or carousal composed, essentially, of a rigged vessel, H, with a revolving wheel, A, and its driving mechanism, all constructed and arranged substantially as herein shown and described.

2. The combination of the cloth K, painted to represent waves, and the balls or wheels L and their supports M, with the wheel A and the rigged vessel H, substantially as herein shown and described.

ROBERT STEEL.

Witnesses:

SAMUEL AUSTIN,
THOS. BILLINGSFELT.