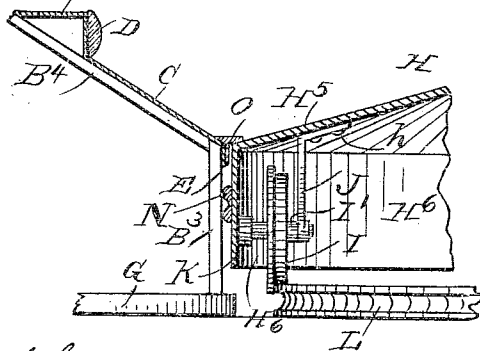
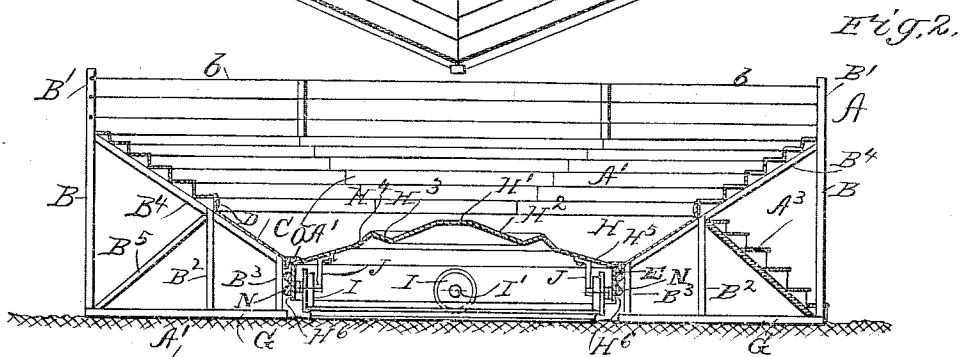
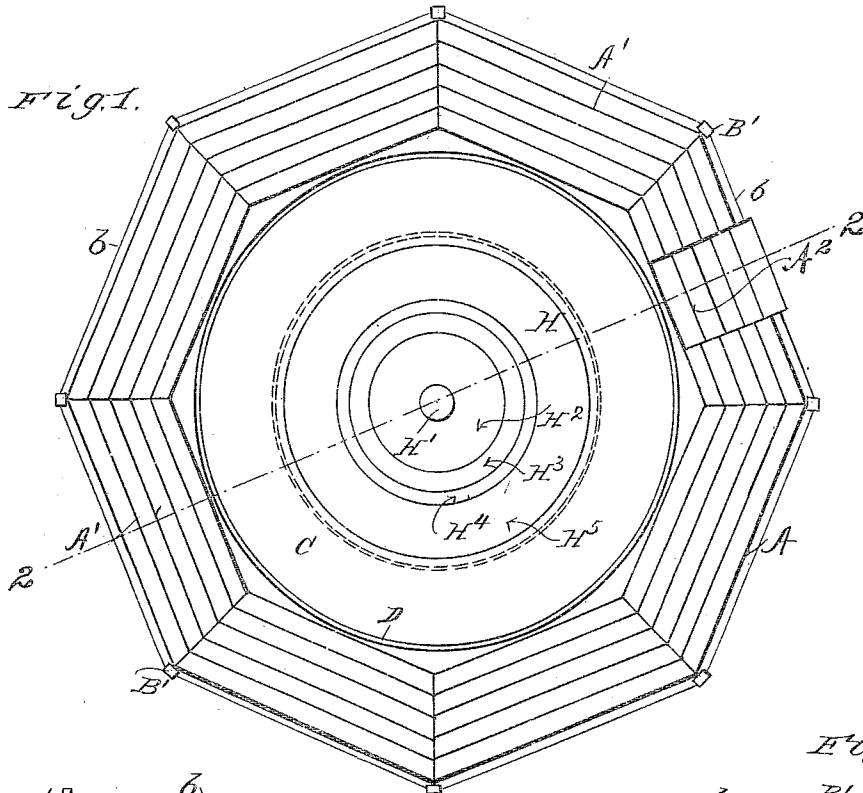


W. H. STUBBINGS, JR.  
AMUSEMENT DEVICE.  
APPLICATION FILED DEC. 12, 1908.

953,721.

Patented Apr. 5, 1910.



Witnesses

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# UNITED STATES PATENT OFFICE.

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## AMUSEMENT DEVICE.

953,721.

Specification of Letters Patent.

Patented Apr. 5, 1910.

Application filed December 12, 1908. Serial No. 467,304.

*To all whom it may concern:*

Be it known that I, WILSON H. STUBBINGS, Jr., a citizen of the United States, residing at Glenellyn, in the county of Dupage and State of Illinois, have invented certain new and useful Improvements in Amusement Devices, of which the following is a specification.

This invention relates to improvements in revolving riding devices and embraces the construction of a device having a passenger impeller whereby passengers may be thrown outwardly by centrifugal motion and means whereby the impelled passengers may be returned to the impeller without injury.

One of the objects of the invention is the construction of a rotatable platform adapted to impel passengers seated thereon outwardly of the platform and a stationary buffer whereby the passengers will be caused to return to the platform after being impelled therefrom.

Another object of the invention is the construction of a riding device adapted to impel passengers outwardly by centrifugal motion and to cause the impelled passengers to return by force of gravity to the platform after being impelled to again be impelled therefrom.

With the above and other objects in view the invention embraces certain combinations, constructions and arrangements of parts, clearly described in the following specification and clearly illustrated in the accompanying drawings, in which,

Figure 1 is a top plan view, Fig. 2 is a vertical sectional view taken on line 2—2 of Fig. 1, and Fig. 3 is a detail sectional view showing the construction of the lower part of the device.

Referring to the accompanying drawings, which are illustrative of the invention, G denotes a base portion, preferably consisting of supporting sills, and A denotes a polygonal shaped main frame, which is preferably formed in sections so that the same can be easily transported. The frame A is provided with seats A' which incline or rise from their inner edge or periphery to their outer edge or periphery, said seats being arranged parallel to the sides of the frame. The seats A' are cut away at A<sup>2</sup> to provide for entrance and exit steps A<sup>3</sup>, whereby pas-

sengers or observers may pass from the outside of the device to the inside thereof. 55

The seats A' are suitably supported by standards B, having extensions B', which support protecting wires or ropes b, intended to guard the observers on the upper part of the seats from falling off. On the base sills G standards B<sup>2</sup> and B<sup>3</sup> are located, being spaced from each other and from the outer standards B. The standards support stringers B<sup>4</sup> which are braced by struts B<sup>5</sup>. The seats A' are supported on the stringers B<sup>4</sup>. 60 Located on the stringers B<sup>4</sup> adjacent the lower seats is an annular buffer C, which is inclined from its outer periphery downwardly to its inner periphery. The buffer C is formed of smooth hard wood so the passengers impelled thereagainst will glide by gravity therefrom. 70

Within the stationary frame A a platform or riding device H is rotatably supported. The platform H is formed with a depending flange H<sup>6</sup>, and rotates on wheels I which are journaled on axles I', engaging bearings K and supported by hangers J, which are secured to the underside of the platform H. The wheels move on an annular stationary track L, positioned on the ground. A wheel N is secured externally to the depending flange H<sup>6</sup>, whereby the platform may be rotated by a suitable driving rope. 75

The platform H is inclined from its top portion H' downwardly at H<sup>2</sup>, upwardly at H<sup>3</sup>, and downwardly at H<sup>4</sup>, which connects with an outer inclined portion H<sup>5</sup>, forming the outer portion of the platform surface. The upwardly inclined portion H<sup>3</sup> serves as a rest or stop for the passengers, whereby the centrifugal impelling force of the rotating platform may be resisted. The outer edge of the platform H is adapted to lie adjacent the inner periphery of the inclined buffer C, and an annular cushion O serves to bridge the space between the adjacent edges of the buffer and the platform. A second cushion D is located on the lower seat and serves to protect the impelled passengers from injury, should the rotary motion of the platform be sufficient to impel or throw the passengers against the lower row of seats. 85 90 95 100

In operation the platform may be arranged to be driven at any desired and safe 105

speed and passengers may be allowed to seat themselves thereon while the same is being rotated or before the rotation of the same is begun. When the platform is rotated with passengers thereon the centrifugal force due to the rotation thereof will operate to impel the passengers outwardly, so that they will contact with the buffer C, and slide upwardly thereon till the force imparted by the rotary platform has been expended, when they will be returned by force of gravity to the rotary platform, to be again impelled against the inclined buffer. This constant impelling or throwing of the passengers serves to furnish them with abundant exercise and to amuse them and the observers seated on the seats.

Having described my invention I claim:—

1. In an amusement device, a rotary platform having a rest thereon adapted to impel

passengers therefrom, and a stationary buffer adapted to return the impelled passengers to the rotary platform.

2. In an amusement device, a rotary platform having a rest thereon and an inclined buffer encircling the platform.

3. In an amusement device, a rotary platform inclined downwardly from its top to its outer edge and a buffer encircling the platform inclined oppositely to the incline of the platform, whereby passengers impelled from the rotary platform will be returned thereto by force of gravity.

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

WILSON HENRY STUBBINGS, JR.

Witnesses:

ELMER C. CONARD,

JOHN J. DUNDAS.