

No. 832,459.

PATENTED OCT. 2, 1906.

P. CRUZ.
MERRY-GO-ROUND.

APPLICATION FILED OCT. 17, 1904.

2 SHEETS—SHEET 1.

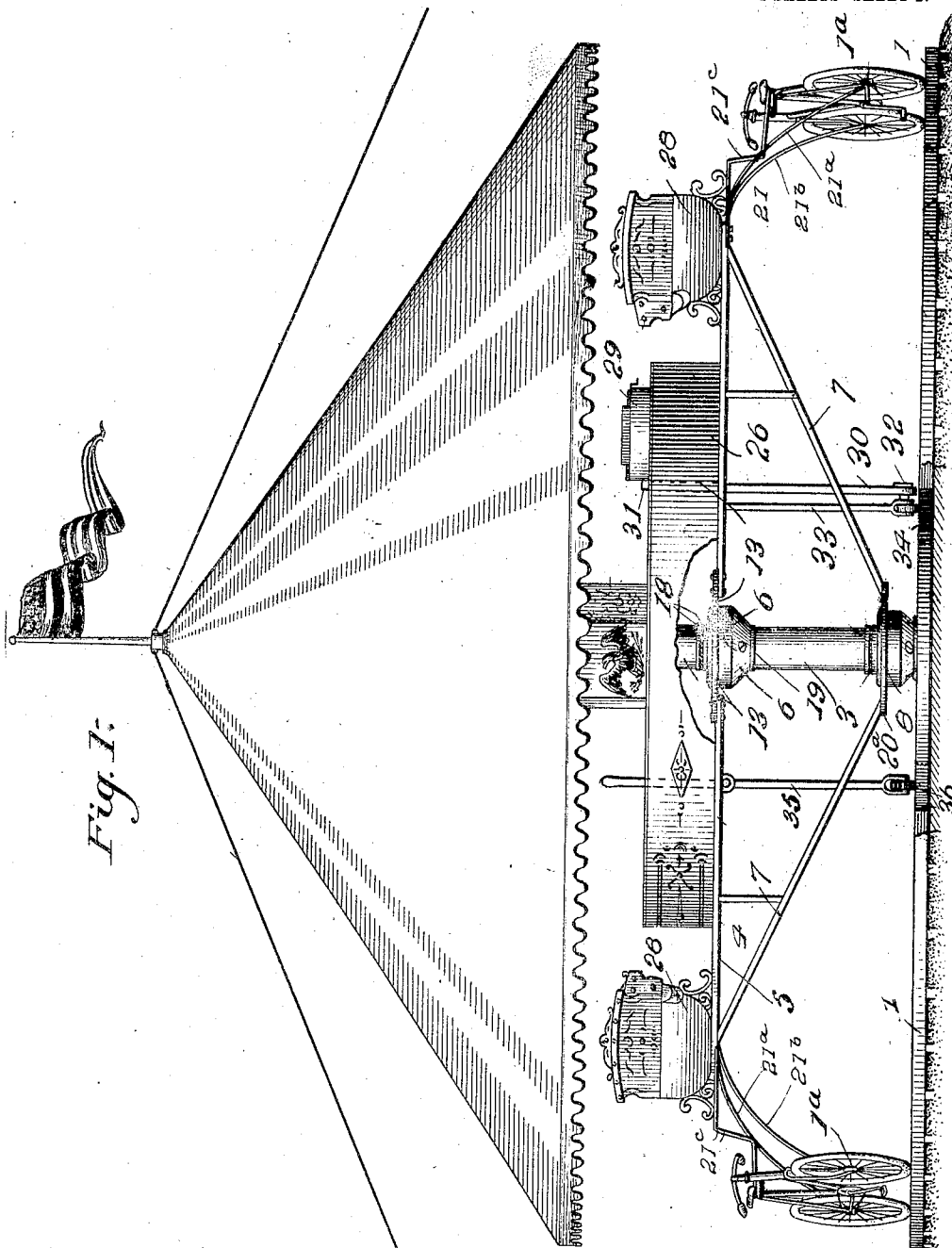


Fig. 1.

Witnesses:

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2 SHEETS-SHEET 2.

Fig. 3



Fig. 2.

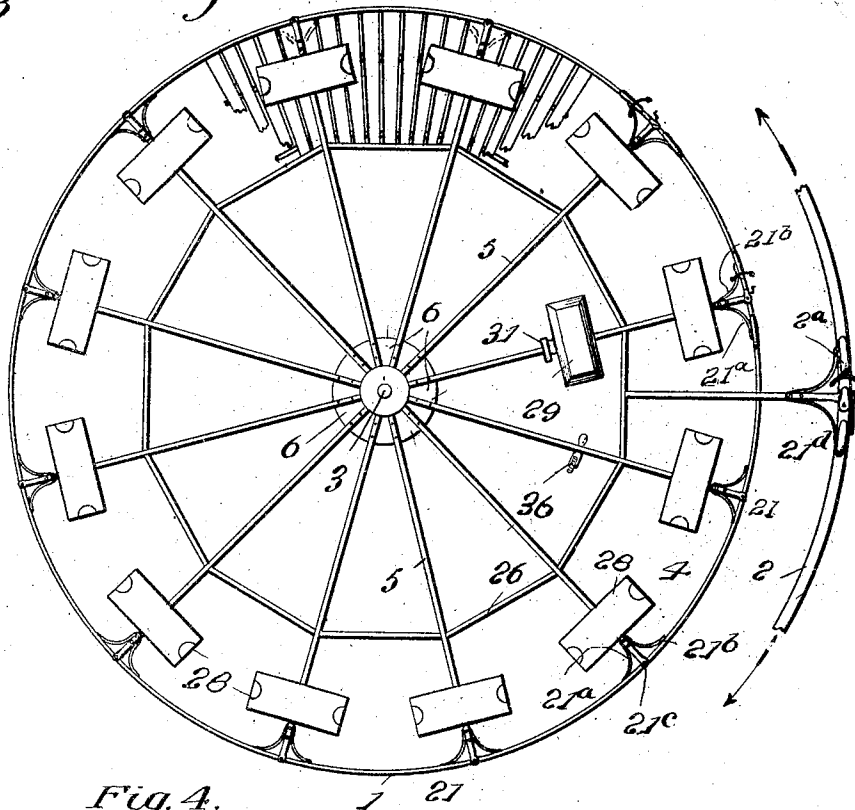


Fig. 4.

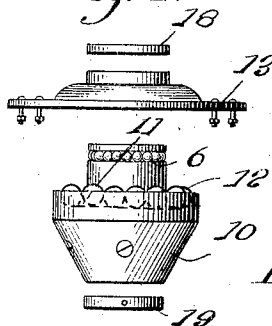
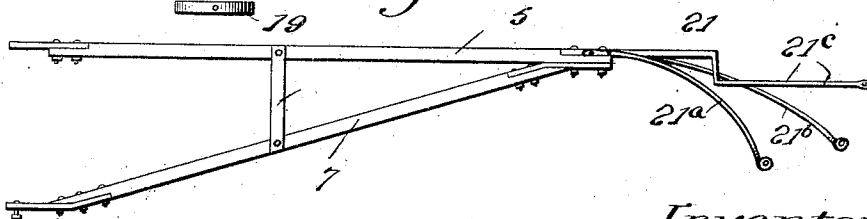


Fig. 5.



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UNITED STATES PATENT OFFICE.

PATRICIO CRUZ, OF SAN DIEGO, TEXAS.

MERRY-GO-ROUND.

No. 832,459.

Specification of Letters Patent.

Patented Oct. 2, 1906.

Application filed October 17, 1904. Serial No. 228,904.

To all whom it may concern:

Be it known that I, PATRICIO CRUZ, a citizen of the United States, residing at San Diego, in the county of Duval and State of Texas, have invented new and useful Improvements in Merry-Go-Rounds, of which the following is a specification.

This invention relates to improvements in amusement devices of the character known as a "merry-go-round," and is propelled by bicycles operated by the riders assisted by a motor-cycle.

The object of the invention is to provide an amusement device combined with a means for permitting of exercise and means for starting and assisting in its propulsion of the apparatus.

In the drawings, Figure 1 is a side elevation of my invention. Fig. 2 is a plan view of the platform-frame. Fig. 3 is a view of the supporting-post. Fig. 4 is a detail view of one of the bearings for the post. Fig. 5 is a view in elevation of one of the bicycle-supporting frames.

In the drawings the numeral 1 indicates a track on which the bicycles 1^a, operated by the riders, travel. Outside of track 1 is a track 2, on which the motor-cycle 2^a travels to assist in the propulsion of the apparatus.

A centrally-disposed post 3 supports a platform 4, composed of a series of radial arms 5, secured to upper section of bearing 6 and braced by inclined supports 7, secured to a lower bearing 8. The upper bearing 6 is fitted to the post 3 and is composed of a lower cup-shaped section 10, formed with a race-way 11 to accommodate balls 12, and an upper section 13, which is also mounted on the post and is supported by the balls 12, the radial arms 5 being attached to it. The lower section 10 is permanently secured to the post 3, and the upper section 13 is free to revolve thereon, collars 18 and 19, secured on the post, holding said collars and the bearing in relative position. The lower bearing 8 is exactly the same as the upper bearing, and to the upper section 20^a are secured the brace-rods 7.

On the outer ends of each of the radial arms is secured a supporting member 21, composed of three members 21^a, 21^b, and 21^c, which are attached at their outer ends to a bicycle. Two of said members 21^a and 21^b engage the axles of a bicycle, while the intermediate section 21^c engages the seat-post.

In this manner a bicycle is secured to the platform and affords sufficient resiliency to allow for movement of the parts. Between two of the radial arms and secured to the platform is another connection similar to those described for holding the bicycles in place; but it is extended slightly beyond the other connections and carries at its outer end the motor-cycle 2^a in a manner similar to the bicycles.

Supported on the platform are a series of cars or the like 28, provided with seats for the occupants, which may be in the form of boats, sleighs, or wagons in order to lend ornamentation to the apparatus.

Supported on the inside of an ornamented band 26 and on the radial arms 5 is an organ 29, operated by a belt 30, passing around pulleys 31 and 32, the latter being secured to a standard 33, depending from the platform and traveling on a track 34 inside track 1. Obviously as the platform is operated motion will be imparted to the organ to furnish music.

A brake 35 is pivotally mounted on the platform and carries at its lower end a roller 36, adapted to be moved into and out of contact with the track 34 to bring the apparatus to a standstill. When the lever is operated to bring the roller 36 into operative position, it is pressed hard down on the track, and the friction created thereby will stop the apparatus.

In operation the occupants occupy seats in the cars or mount the bicycles. The brake is released and the motor-cycle is started, which assists the movement of the platform without causing too much labor on the part of those on said bicycle. After the motor-cycle imparts the necessary motion the bicycle-riders continue to operate their machines to impart motion to the platform, as well as furnishing them with exercise.

An amusement apparatus thus described provides several ways whereby amusement is provided for those who do not care to ride bicycles, while those desiring such amusement and exercise can do so.

What I claim is—

1. In a merry-go-round, the combination with a revolving platform provided with bicycle connections, bicycles attached to said connections, a track on which the bicycles travel, a motor-cycle attached to the platform, a track adjacent the bicycle-track on

which the motor-cycle travels, said motor-cycle operating in conjunction with the bicycles.

2. In a merry-go-round, the combination
5 with a revolving platform, yielding bicycle-
attaching means extending from the platform, bicycles secured to said yielding attaching means, a track below the platform on
10 which the bicycles travel, yielding motor-
cycle-attaching means extending from the
platform, a motor-cycle secured to said yielding
motor-cycle-attaching means, a track outside the bicycle-track on which the motor-

cycle travels, an organ mounted on the platform, a track inside the bicycle-track, a roller 15
traveling on the track, means communicating power from the roller to the organ, and a brake operating on the latter track.

In testimony whereof I have signed my name to this specification in the presence of 20
two subscribing witnesses.

PATRICIO CRUZ.

Witnesses:

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JNO. L. GEORGE.