

No. 850,186.

PATENTED APR. 16, 1907.

J. A. COLE.  
AMUSEMENT RIDING DEVICE.  
APPLICATION FILED FEB. 28, 1907.

3 SHEETS—SHEET 1.

Fig. 1

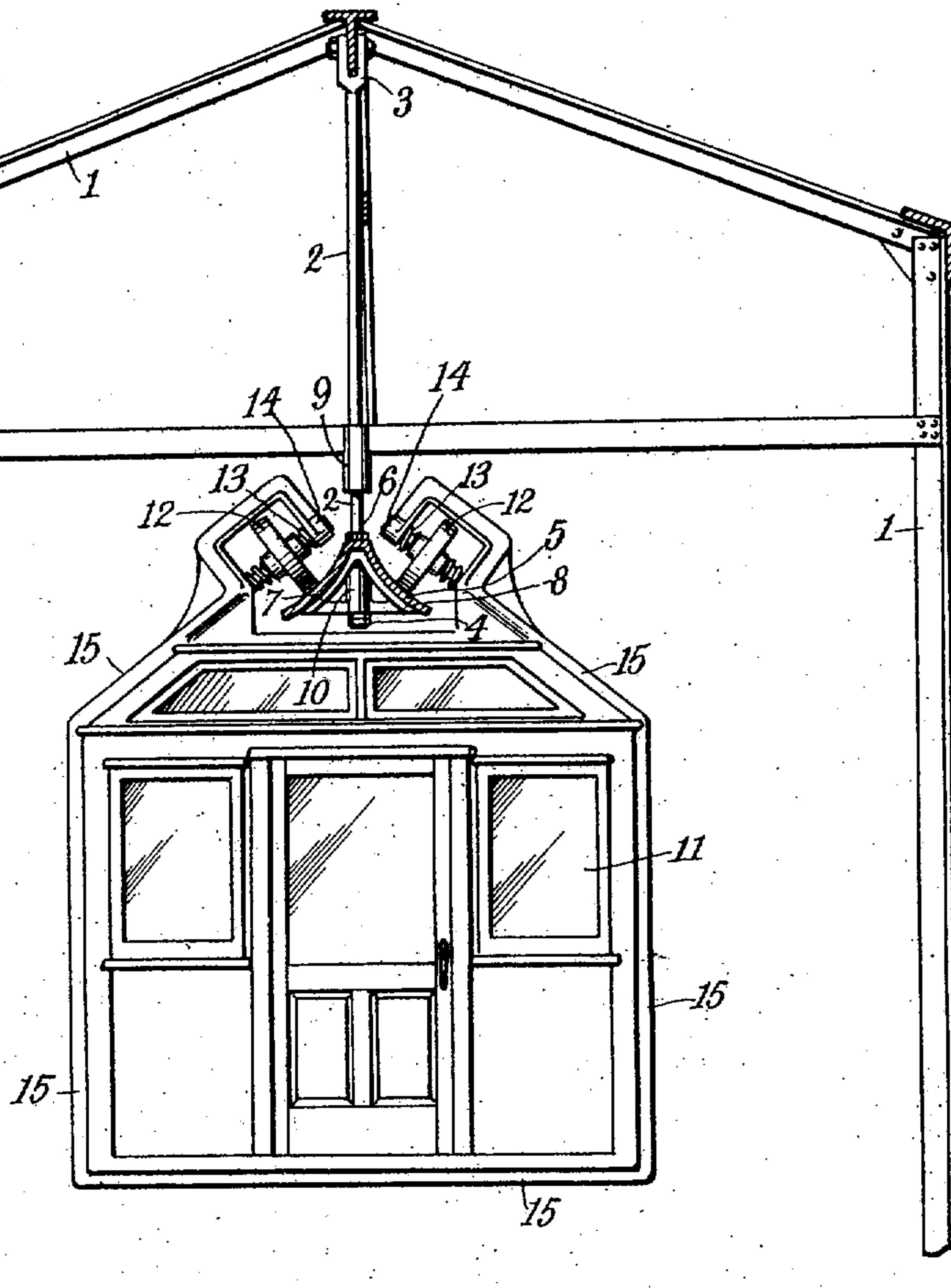
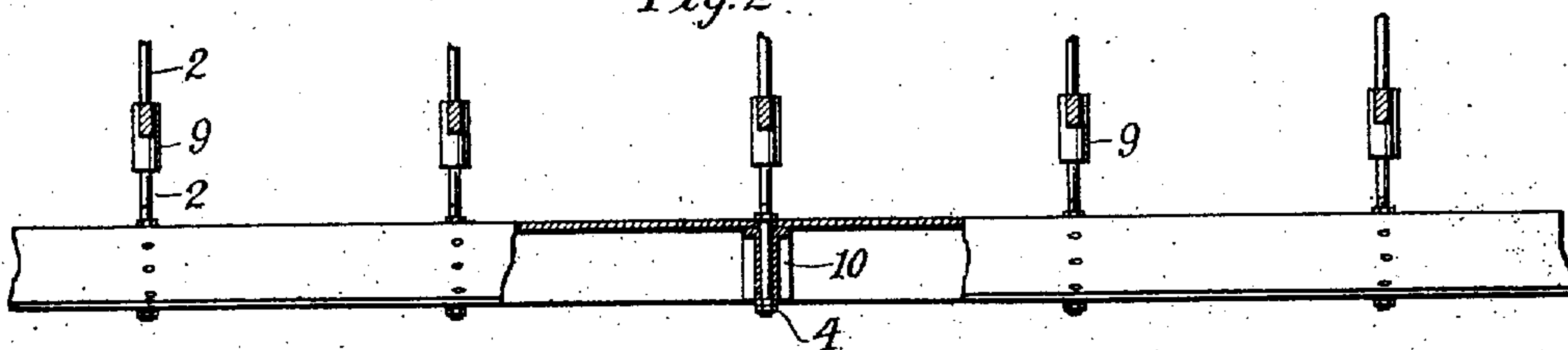


Fig. 2



Witnesses:

*Raphael Potter*  
*William F. Rogers*

John A. Cole, Inventor

By his Attorney

*James L. Lohr*

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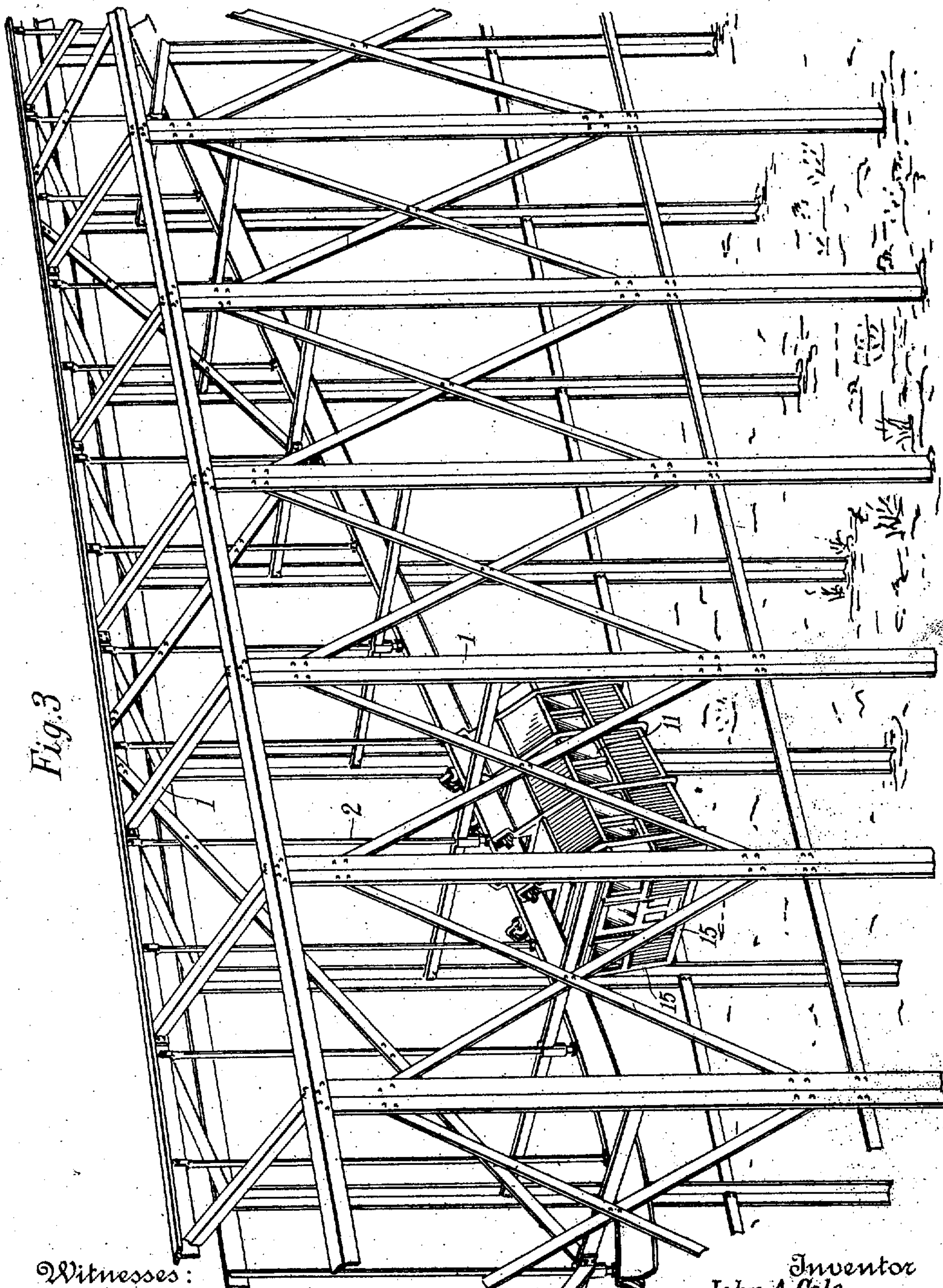


Fig. 3

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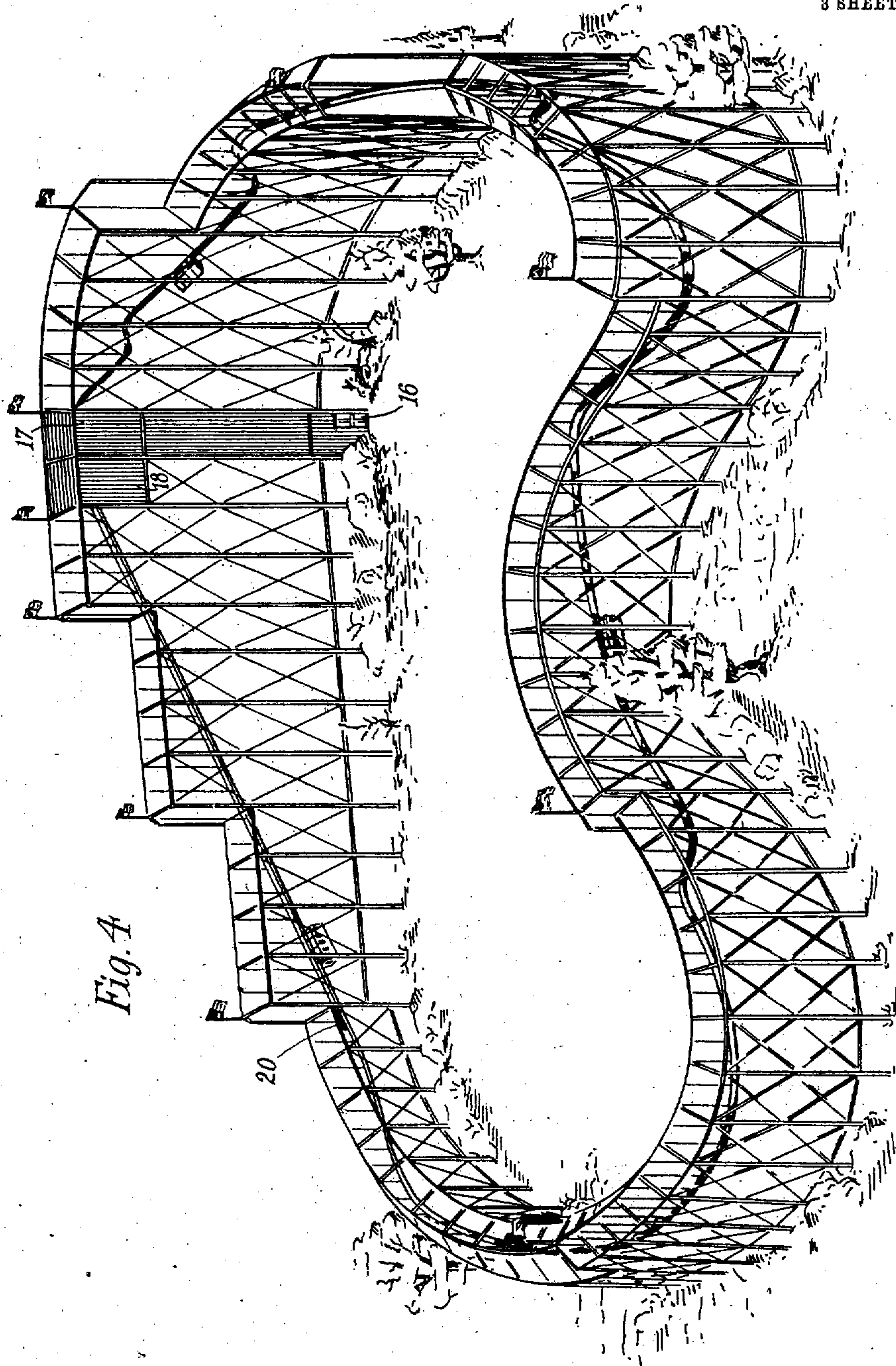


Fig. 4

Witnesses:  
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# UNITED STATES PATENT OFFICE.

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## AMUSEMENT RIDING DEVICE.

No. 850,136.

Specification of Letters Patent.

Patented April 16, 1907.

Application filed February 28, 1907. Serial No. 359,813.

*To all whom it may concern:*

Be it known that I, JOHN A. COLE, a citizen of the United States, residing at Hackensack, in the county of Bergen and State of New Jersey, have made a certain new and useful Improvement in Amusement Riding Devices, of which the following is a specification, reference being had to the accompanying drawings.

10 The object of my invention is to provide a car which is suspended in a suitable structure and runs on overhead rails.

Referring to the drawings, Figure 1 is a cross-section of a railway structure, showing the track and car suspended thereon. 15 Fig. 2 is a longitudinal view, partly in section, of a track-supporting mechanism. Fig. 3 is a side view of a structure showing the car in operating position. Fig. 4 is a perspective 20 view of the structure, showing the overhead rail and car being operated thereon.

Referring more in detail to the drawings, 1 represents the frame of a structure of any suitable form for the support of the track of 25 my device.

2 represents a suspended bar suitably fastened to the frame at 3, at the lower end of which bar is the screw 4, which holds in place the inverted-V track 5. This track is 30 supported on the rod 2 through a collar of the track 6. This suspension-rod 2 is preferably bifurcated, so as to form the track-supporting arms 7 8.

9 is a turnbuckle permitting the raising and lowering of the sectional suspension-rods 2, connecting the lower part of one of these sections with the upper part of the other by a left-hand and right-hand screw, so that manipulation of this turnbuckle will 40 give the track the desired height.

The screw 4 is adjusted to fit snugly against the boss 10, which is preferably formed integral with the track.

Adapted to run on the track 5 are cars 11, 45 which are suspended on said track by a series of rollers 12, supported by shafts 13, which are journaled in the arms 14. These arms

are connected with the bands 15, which preferably surround the car, as shown.

In Fig. 3 I have shown a section of frame-work in which the car is shown suspended on the track in inclined position. This car operates by gravity. 50

In Fig. 4 I have shown a view of my riding device in practical operation. The track is 55 arranged in irregular undulations, so as to give the car suspended thereon undulatory motion. 16 shows the entrance to an elevator running in the shaft 17, adapted for the purpose of carrying passengers up to the platform 18, from which said passengers enter the car. The car then is pushed off in any suitable manner and descends by gravity to exit 20, where the passengers are discharged. The car is then raised by any 65 suitable means—as, for instance, a cable—again to the platform, where it is again ready for the reception of passengers.

This invention having been described in connection with an illustrative embodiment 70 thereof, to the details of which it is not limited, what is claimed as new, and what is desired to be secured by Letters Patent, is set forth in the appended claims.

I claim—

1. In a riding device, a pair of trolley-wheels acting in coöperation with an overhead track of suitable form, the shafts of said trolley-wheels being supported in journals connected with bands surrounding the cars, 80 substantially as set forth.

2. In riding devices, an inverted-V track, a boss integrally connected therewith, sectional supporting-rods, one of said sections extending through said boss and an adjusting-screw adapted to fit over the end of the lower section of said sectional supporting-bar, a turnbuckle connecting the sections of said supporting-bar and means for supporting the same. 85

JOHN A. COLE.

Witnesses:

JOSEPH J. COLLINS,  
WILLIAM F. HAGAN.