

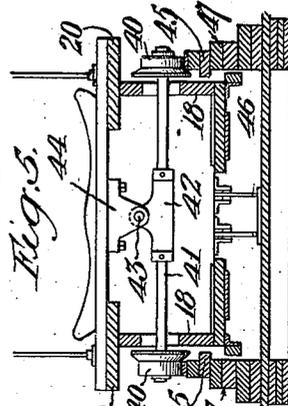
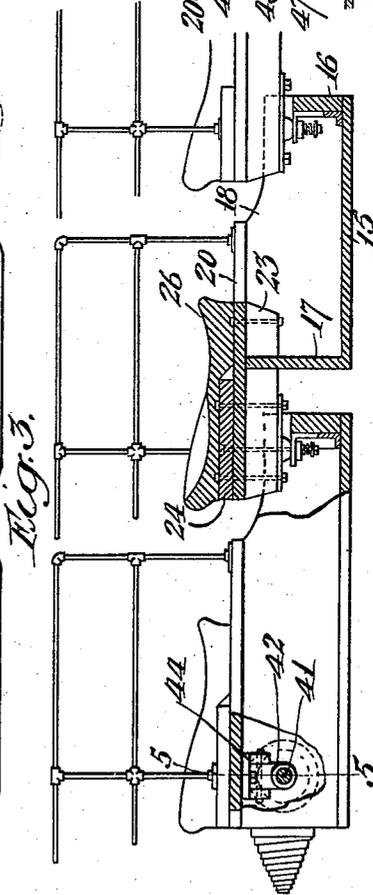
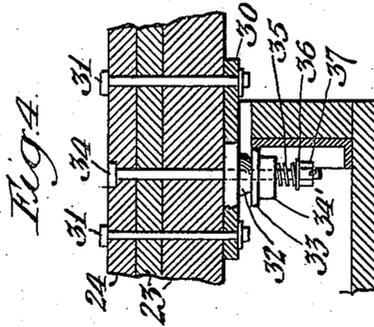
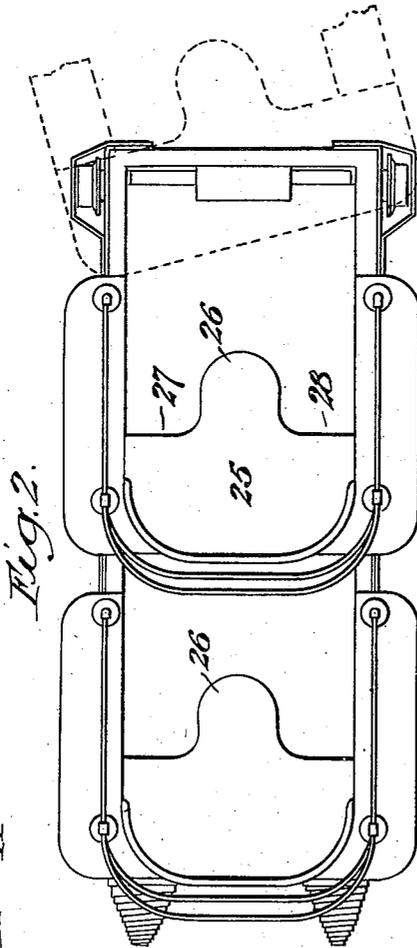
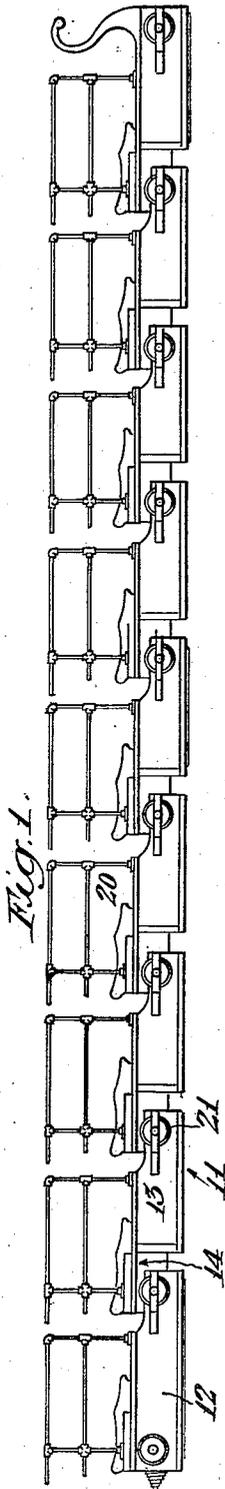
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F. A. CHURCH

CAR FOR COASTER RAILWAYS

Filed Nov. 28, 1921



Inventor  
Frederick A. Church  
by Graham & Rennie  
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# UNITED STATES PATENT OFFICE.

FREDERICK A. CHURCH, OF VENICE, CALIFORNIA.

CAR FOR COASTER RAILWAYS.

Application filed November 28, 1921. Serial No. 518,211.

*To all whom it may concern:*

Be it known that I, FREDERICK A. CHURCH, a citizen of the United States, residing at Venice, in the county of Los Angeles and State of California, have invented a new and useful Car for Coaster Railways, of which the following is a specification.

My invention relates to coaster railways, being more particularly a car used in jointed trains on coaster railways. In trains of the class described, the cars are comparatively small and ordinarily have small seating capacity, and one of the principal objects of my invention is to so construct a car that maximum seating capacity may be had.

Referring to the drawings which are for illustrative purposes only,

Fig. 1 is a side elevation of a train composed of cars embodying a form of my invention.

Fig. 2 is a plan view on an enlarged scale of two of the cars.

Fig. 3 is a side elevation partly in section of the cars shown in Fig. 2.

Fig. 4 is an enlarged vertical sectional view of a portion of two cars showing the manner of coupling the same, and,

Fig. 5 is a cross sectional view on line 5-5 of Fig. 3 also showing the track construction.

The cars in the train indicated at 11, with the exception of the last car indicated at 12, are each constructed with a body 13 and a rearward extension 14 forming an overhanging portion which extends over the forward end of the next car. The body of each car comprises a floor 15, a front wall 16, rear wall 17 and sides 18. The sides are provided with top boards 20 which extend outwardly from the side over the wheels 21 on the next car. The boards 20 extend rearwardly from the rear wall 17, being firmly secured to a vertically disposed plank 23. 24 designates a cross plank upon which is mounted the seat 25. The seat 25 extends entirely across the car and is provided with a forwardly extending saddle 26, such saddle being of sufficient width to accommodate a single person and leaving room at each side of the saddle indicated at 27 and 28 to receive the legs of two persons occupying the seat 25, one on each side of the center.

The plank or beam 23 is provided with a metal plate 30 secured thereto by suitable bolts 31, such plate 30 having a downwardly depending round boss 32 which is seated in a socket formed in a bracket 33. A king bolt 34 extends downwardly through the cross plate 24 and plank 23 through the boss 32 and bracket 33, where it is provided with a loose collar 34' elastically held against the bracket by means of a coiled spring 35 compressed on the bolt 34 by means of a washer 36 held in place thereon by a nut 37.

The rear wheels of the last car are mounted upon a shaft 41 supported in a bearing 42 which is pivotally mounted by means of a bolt or pin 43 in a bracket 44 secured in any suitable manner to the top plate 20, it being understood that where a car is provided with four wheels that it is necessary that one set of such wheels be mounted so that the same may conform to the shape of the track, as in coaster railways the track is not only curved sometimes in both directions, but at the same time banked. The supporting tracks may be of any suitable form of construction, but I prefer a form of track indicated at 47 which is provided with an inwardly extending rail 45 arranged to be engaged by a cleat or bolt 46 in the event that the car should tip, such engagement preventing the car jumping the track.

It is particularly to be noted that the weight in each car is carried directly over the jointed connection between the cars, and that such connection is substantially above the axis of the wheels of the next car, such arrangement resulting in the carrying of the weight of the load in one car upon the wheels of the next car.

I claim as my invention:

A car for coaster railways comprising, a body, an axle swingingly mounted on said body, wheels on said axle, a rigid seat extending across one end of said body and a saddle extending forwardly from said seat.

In testimony whereof, I have hereunto set my hand at Los Angeles, California, this 22nd day of November, 1921.

FREDERICK A. CHURCH.