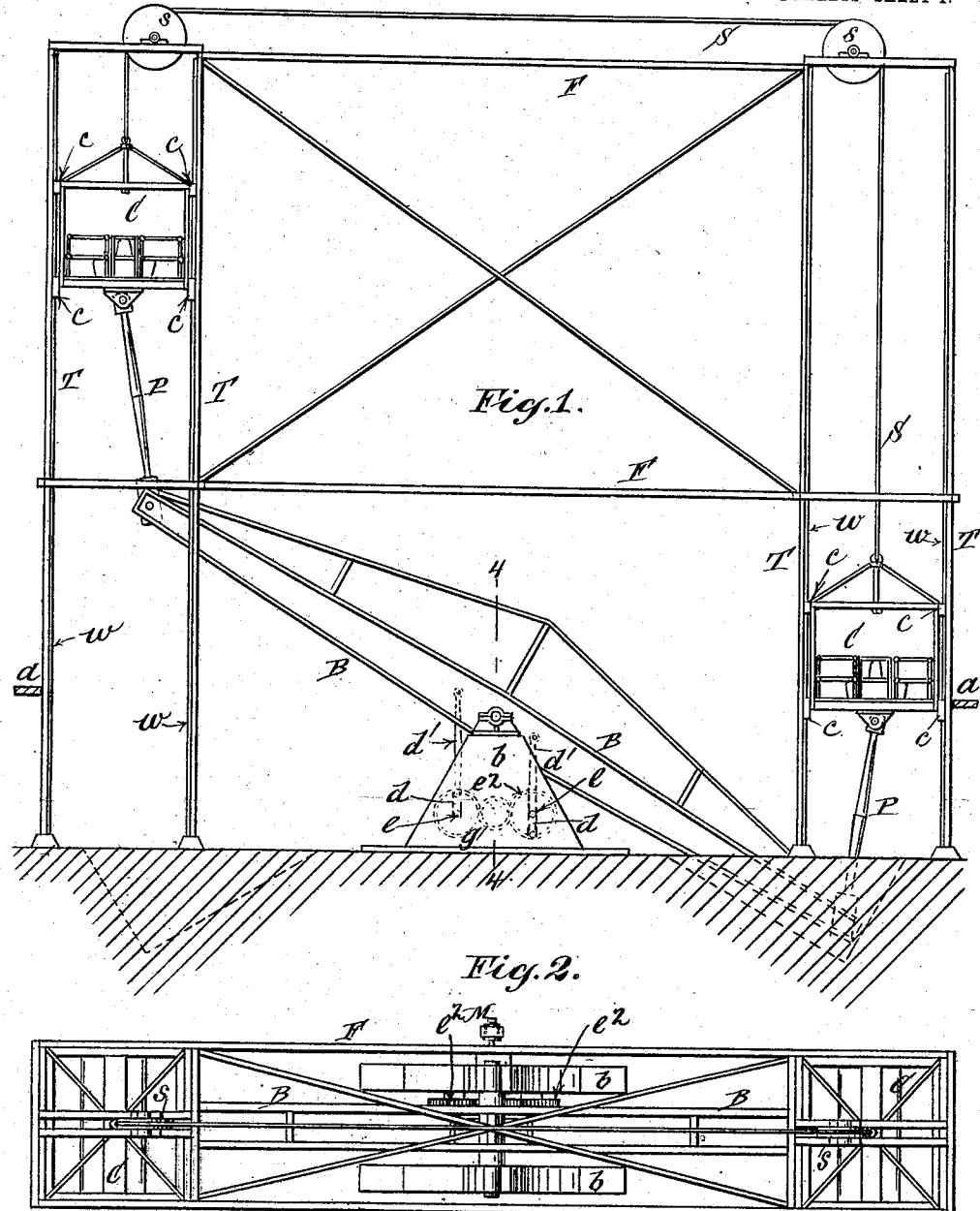


A. BRAGG.
AMUSEMENT DEVICE.
APPLICATION FILED MAR. 11, 1908.

905,282.

Patented Dec. 1, 1908.

2 SHEETS—SHEET 1.



Witnesses:

Alfred J. Anderson
J. G. Lohr

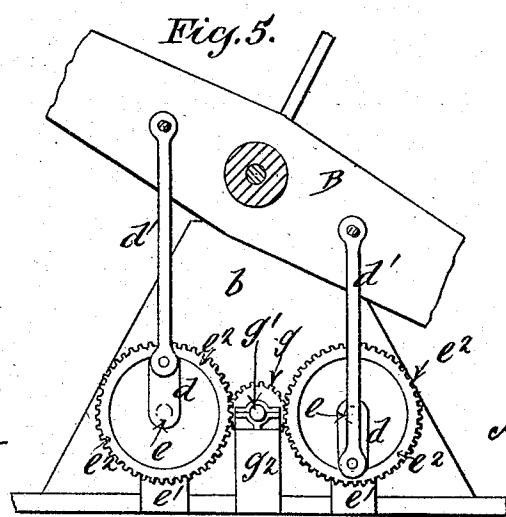
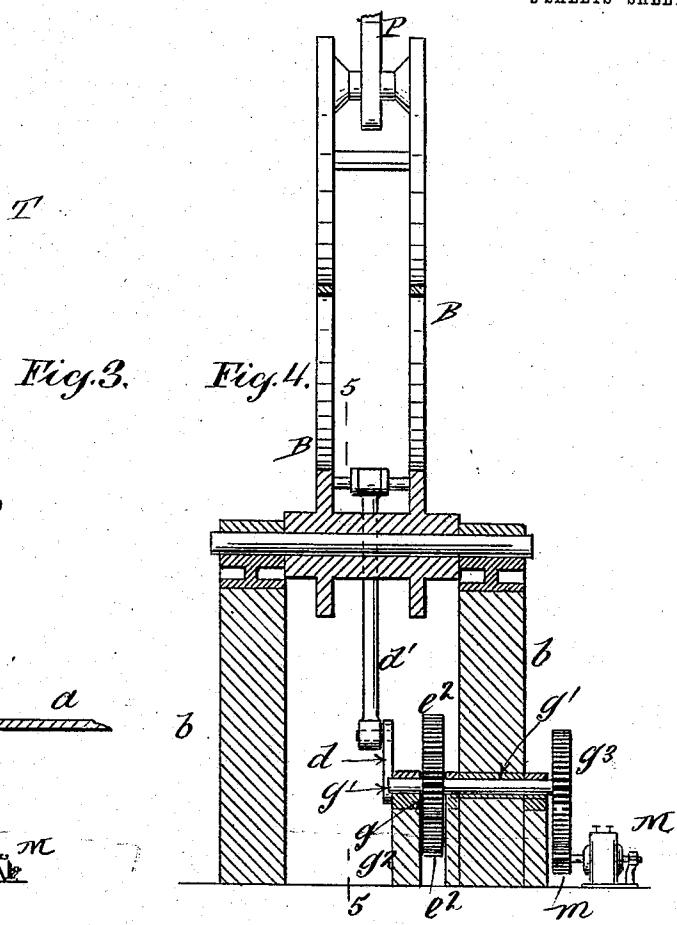
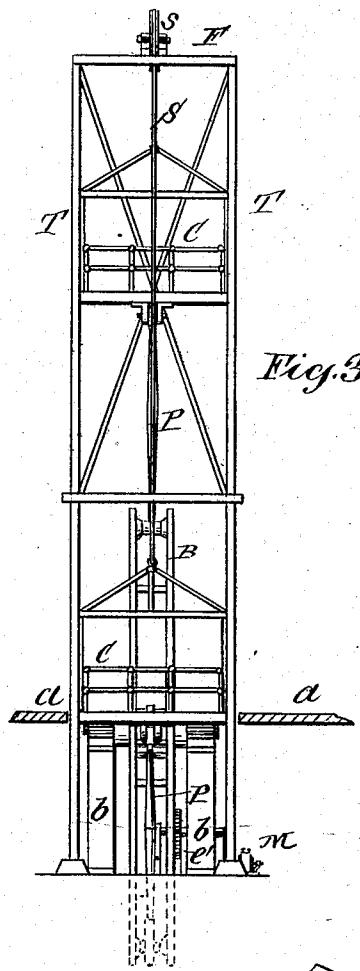
Inventor:
Arthur Bragg
By his Attorney
Geo. W. Elliott

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UNITED STATES PATENT OFFICE.

ARTHUR BRAGG, OF NEW YORK, N. Y.

AMUSEMENT DEVICE.

No. 905,282.

Specification of Letters Patent.

Patented Dec. 1, 1908.

Application filed March 11, 1908. Serial No. 420,359.

To all whom it may concern:

Be it known that I, ARTHUR BRAGG, a citizen of the United States, residing in the city of New York, borough of Brooklyn, county of Kings, and State of New York, have invented certain new and useful Improvements in Amusement Devices, of which the following is a specification.

My invention is designed to afford an amusement device based on the principle of the see-saw, and adapted to simultaneously entertain numerous pleasure seekers with safety, in a novel manner.

The invention consists essentially in mounting suitable cars in parallel ways and supporting and actuating them by means of a see-saw beam, and it includes other features in the construction and arrangement of parts hereinafter described and claimed specifically.

In the accompanying drawings, Figure 1, is an elevation showing apparatus embodying my invention in practical form; Fig. 2, is a top view thereof; Fig. 3, an end view; Fig. 4, is a sectional elevation upon an enlarged scale taken upon plane of line 4—4—Fig. 1; Fig. 5, is a sectional elevation taken upon plane of line 5—5—Fig. 4.

T, T, are two parallel tracks preferably though not necessarily united by suitable intermediate skeleton framework F. Each of these tracks T consists of one or more guide-ways w, for engagement with contacts e, on a car C. In the drawings each track way T is shown as consisting of four guide rails w, arranged at the angles of a square, although obviously the number and arrangement of the guide ways w, is of secondary importance,—the essential feature in this respect consisting in the provision of means for maintaining the car in its track laterally.

The tracks T, T, are preferably arranged vertically or substantially so, as shown in the drawings, although this is not absolutely essential provided they are parallel to each other.

Each car is pivotally connected by means of a pitman P, with the see-saw beam B, which is pivotally mounted on and between the pillow blocks b, b, between the tracks T. The see-saw beam may be reciprocated by various mechanical expedients.

By way of exemplification I show the beam B in the drawings as actuated by

cranks d, d, through the medium of connecting rods d', d',—the cranks being attached to parallel shafts e, e, mounted in bearings e', e', and carrying gear wheels e², e², which are driven by a pinion g, on an intermediate power shaft g', which is mounted in the bearing g², and also carries a gear wheel g³, which is driven by a pinion m, on the shaft of the electric motor M. By this means the power is applied uniformly on either side of the fulcrum.

The cars are not only coupled together through the medium of the see-saw beam B and pitmen P, P, but they are also connected by means of a suspender cable S which travels over suitable sheaves s, s, mounted above the tracks T, T. The suspender cable S acts as a safety appliance in case of the breaking of a pitman or other part below and it also tends to equalize and distribute the strain and compensate for any difference of load in the cars. It also renders the motion of the cars more smooth and uniform by preserving the alinement of the cars with relation to their ways, and by obviating jar and shock when the cars are reversed in direction of travel. By its use the cars can be run at a higher rate of speed if desired than would be otherwise expedient.

Platforms a, a, are arranged at suitable elevations for the ingress or egress of passengers.

What I claim as my invention and desire to secure by Letters Patent is,

1. In an amusement device of the character designated, the combination of parallel tracks, cars contacting therewith, a see-saw beam upon which the cars are pivotally mounted, means for reciprocating said beam, a suspender cable connecting said cars, and sheaves supporting said cable, for the purpose described.

2. In an amusement device of the character designated, the combination of parallel tracks, cars contacting therewith, a see-saw beam, pitmen connecting said beam pivotally with the cars, means for reciprocating said beam, a suspender cable connecting said cars, and sheaves supporting said cable, for the purpose described.

ARTHUR BRAGG.

Witnesses:

GEO. WM. MIATT,
D. W. GARDNER.