

A. V. LOTT.
AMUSEMENT DEVICE.
APPLICATION FILED JAN. 12, 1915.

1,145,326.

Patented July 6, 1915.
2 SHEETS—SHEET 1.

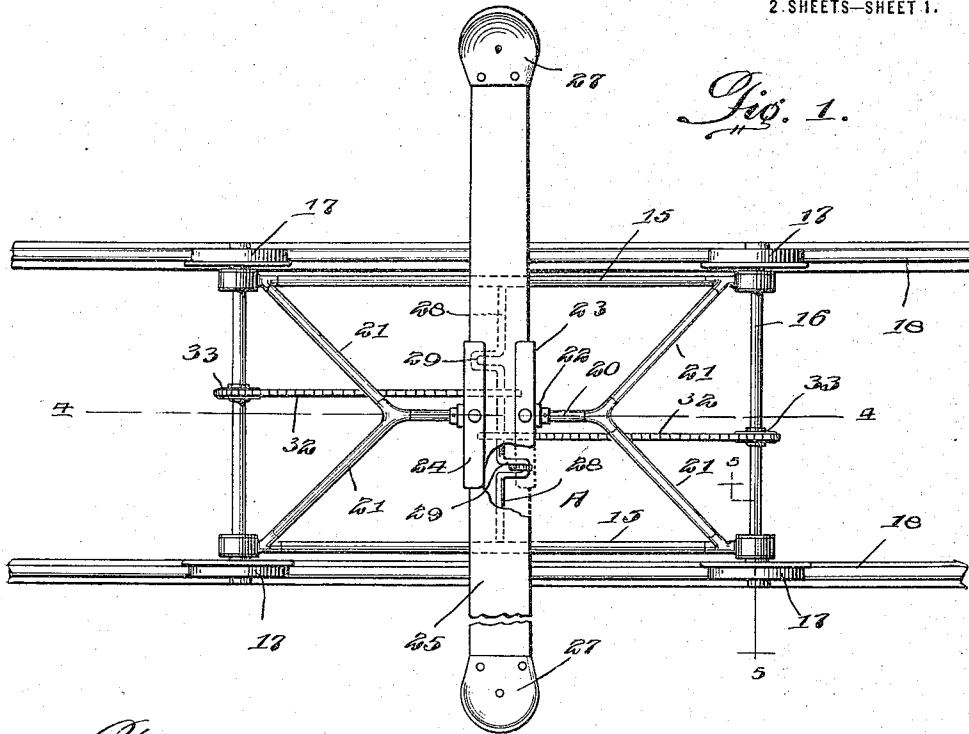


Fig. 2.

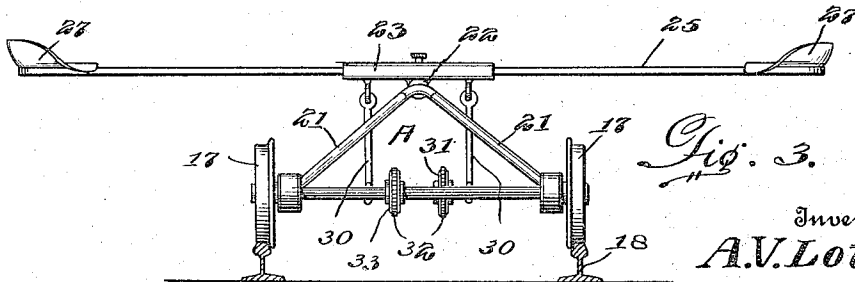
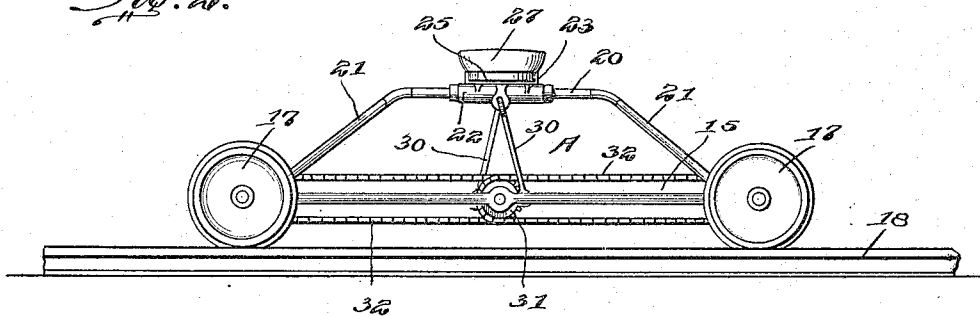


Fig. 3.

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Witnesses

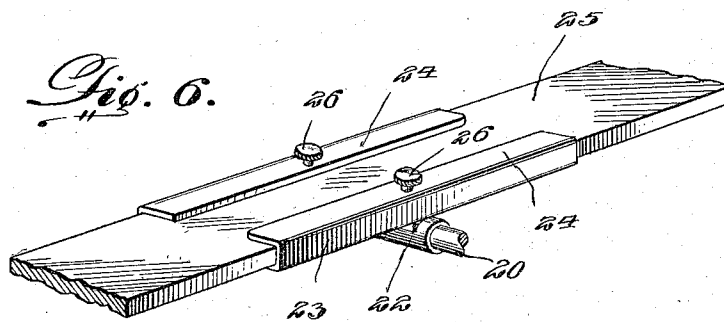
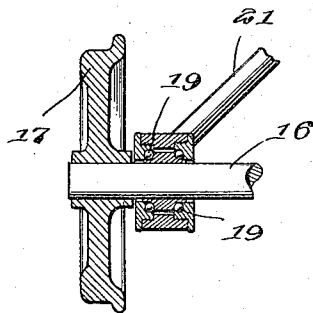
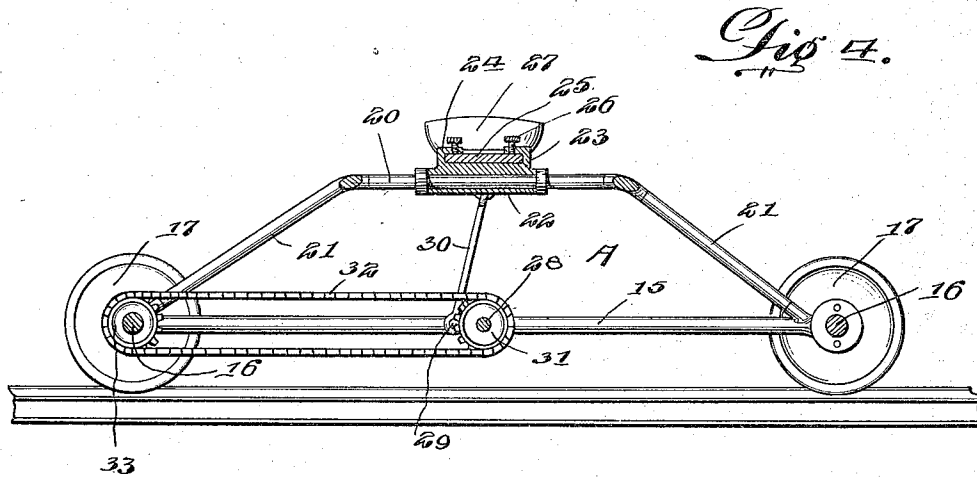
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Attorney

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Witnesses

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UNITED STATES PATENT OFFICE.

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AMUSEMENT DEVICE.

1,145,326.

Specification of Letters Patent.

Patented July 6, 1915.

Application filed January 12, 1915. Serial No. 1,844.

To all whom it may concern:

Be it known that I, ARCHIE V. LOTT, a citizen of the United States, residing at Sellersburg, in the county of Clark and State of Indiana, have invented new and useful Improvements in Amusement Devices, of which the following is a specification.

This invention relates to amusement devices, and it has particular reference to a portable or traveling see-saw and means whereby motion is transmitted from the see-saw to the carriage to propel the latter.

A further object of the invention is to simplify and improve the construction of the device, especially as regards the supporting means for the see-saw and to render the same safe in operation.

With these and other ends in view which will readily appear as the nature of the invention is better understood, the same consists in the improved construction and novel arrangement and combination of parts which will be hereinafter fully described and particularly pointed out in the claims.

In the accompanying drawings has been illustrated a simple and preferred form of the invention, it being, however, understood that no limitation is necessarily made to the precise structural details therein exhibited, but that changes, alterations and modifications within the scope of the claims may be resorted to when desired.

In the drawings,—Figure 1 is a top plan view of a device constructed in accordance with the invention. Fig. 2 is a side elevation of the same. Fig. 3 is an end view. Fig. 4 is a longitudinal sectional view taken on the line 4—4 in Fig. 1. Fig. 5 is a sectional detail view taken on the line 5—5 in Fig. 1. Fig. 6 is a perspective detail view illustrating the manner of connecting the see-saw with the supporting means.

Corresponding parts in the several figures are denoted by like characters of reference.

A frame or carriage A is provided, the same comprising side members 15 which are provided with bearings for axles 16 having wheels 17, said wheels being flanged after the manner of ordinary car wheels so that they will be adapted to run on a track, a portion of which is indicated at 18. The boxes wherein the axles are journaled are equipped with anti-friction ball bearings 19.

Extending longitudinally above the frame is a ridge pole 20 which is supported by means of inclined legs 21 at the ends thereof,

said legs being supported on the frame bars 15 adjacent to the ends of the latter. Mounted on the ridge pole 20 intermediate the ends thereof is a sleeve 22 with which a platform 23 is securely connected, said sleeve being capable of oscillating about the axis of the ridge pole so that the platform 23 may rock on said ridge pole. The platform 23 is provided on its upper side with flanges or guideways 24 to accommodate the see-saw 25 which consists of a board of suitable length slidably engaging the guideways; guideways are provided with means such as set screws 26 frictionally engaging the board or see-saw for the purpose of maintaining the board in adjusted position with respect to said platform. The see-saw board may be provided at the ends thereof with seats 27.

Supported for rotation in the frame members 15 about midway between the ends thereof is a shaft 28 having cranks 29 that extend in diametrically opposite directions with respect to said shaft, each of said cranks being connected with one end of the platform 23 by means of a pitman 30. The shaft 28 is provided with sprocket wheels 31 that are connected by chains 32 with sprocket wheels 33 on the axles 16.

It will be seen that by rocking movement of the see-saw and of the platform 23 the shaft 28 will be rotated, motion being transmitted from said shaft to the axles 16 carrying the wheels 17, thus causing the frame or carriage to travel along the track 18. The track may be straight, curved or circular in which event the movement of the carriage may be continued indefinitely. It is obvious that by adjustment of the board 25 with respect to the platform 23, the length of the arms of the lever formed by said board 25 may be varied to compensate for the variation in weight of two persons occupying seats at the two ends of the see-saw.

It will be particularly observed that the ridge pole on which the see-saw is supported for rocking movement is disposed longitudinally with respect to the traveling wheel supported frame or carriage and that consequently the see-saw is disposed to operate transversely of said carriage. The passengers will thus be seated out of the path of the carriage, and if one should fall to the ground serious injury is not liable to happen, as would be the case in a device where the see-saw is disposed longitudinally with respect to the carriage and where at

least one passenger is supported directly in the path of the carriage which would necessarily pass over him if he should fall to the ground.

5 Having thus described the invention, what is claimed as new, is:—

1. In an amusement device, a frame or carriage having revoluble wheel carrying axles, a ridge pole supported longitudinally
10 above said frame, a rocking platform mounted on the ridge pole transversely with respect to the frame, means for transmitting motion from the platform to the wheel carrying axles to propel the carriage,
15 and a see-saw supported on the rocking platform with its ends projecting beyond the sides thereof.

2. In an amusement device, a frame or carriage having revoluble wheel carrying
20 axles, a ridge pole supported above the frame and longitudinally with respect thereto, a rocking platform mounted on the

ridge pole transversely with respect to the carriage, a see-saw supported on the rocking platform with its ends projecting beyond
25 the sides of the carriage, said see-saw being connected with the platform for adjustment in the direction of its length, and means for transmitting motion from the rocking platform to the wheel carrying
30 axles, said means including a shaft supported for rotation intermediate the axles and in parallel relation thereto, chain transmissions between said shaft and the axles,
35 cranks on the intermediate shafts, and pitmen connecting the cranks with the rocking platform.

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

ARCHIE V. LOTT.

Witnesses:

OLLIE W. LOTT,

WALLER J. SCOTT.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."