

No. 725,156.

PATENTED APR. 14, 1903.

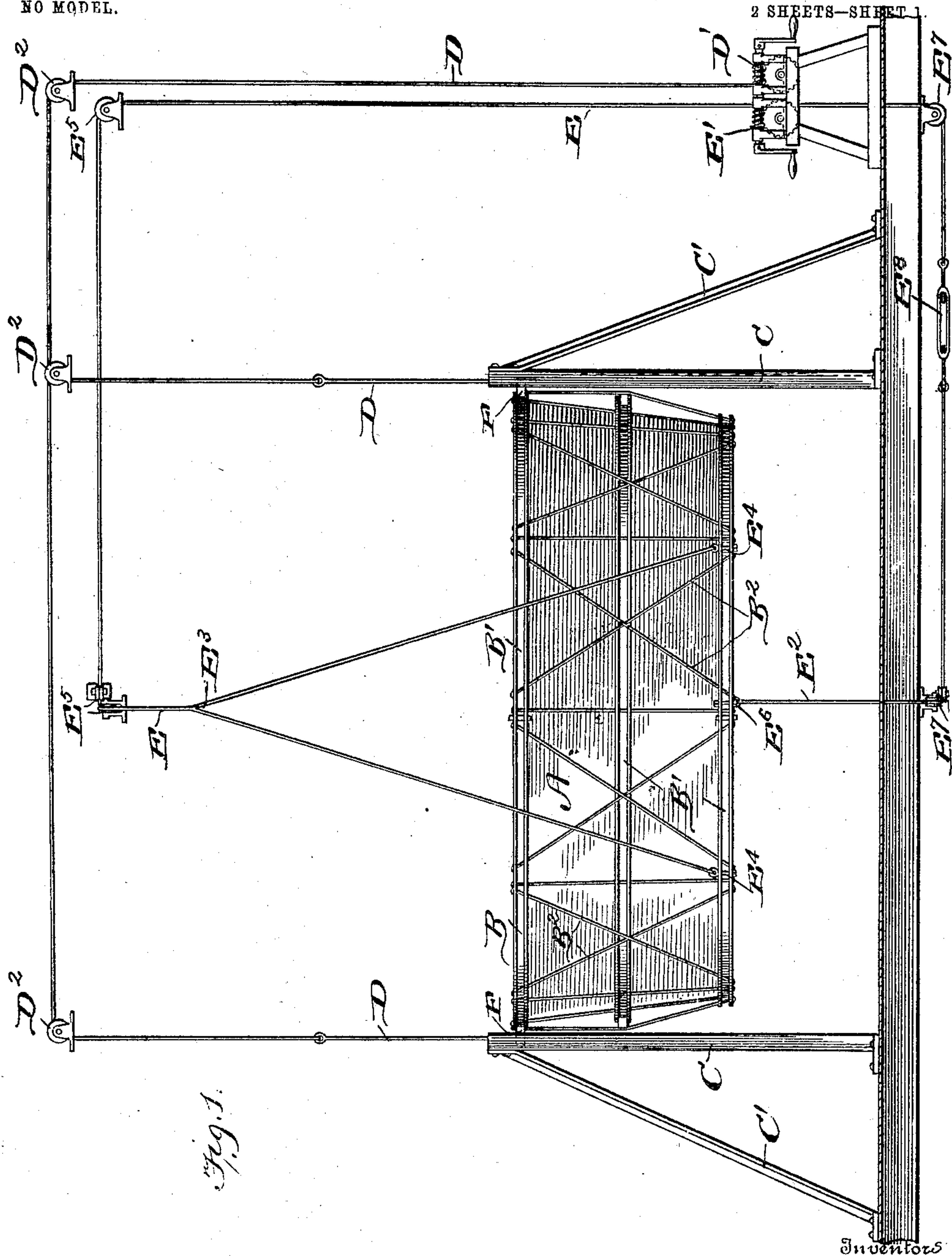
A. SEYFRIED & F. W. SHEELOR.

AMUSEMENT DEVICE.

APPLICATION FILED AUG. 9, 1902.

NO MODEL.

2 SHEETS-SHEET 1



Witnesses

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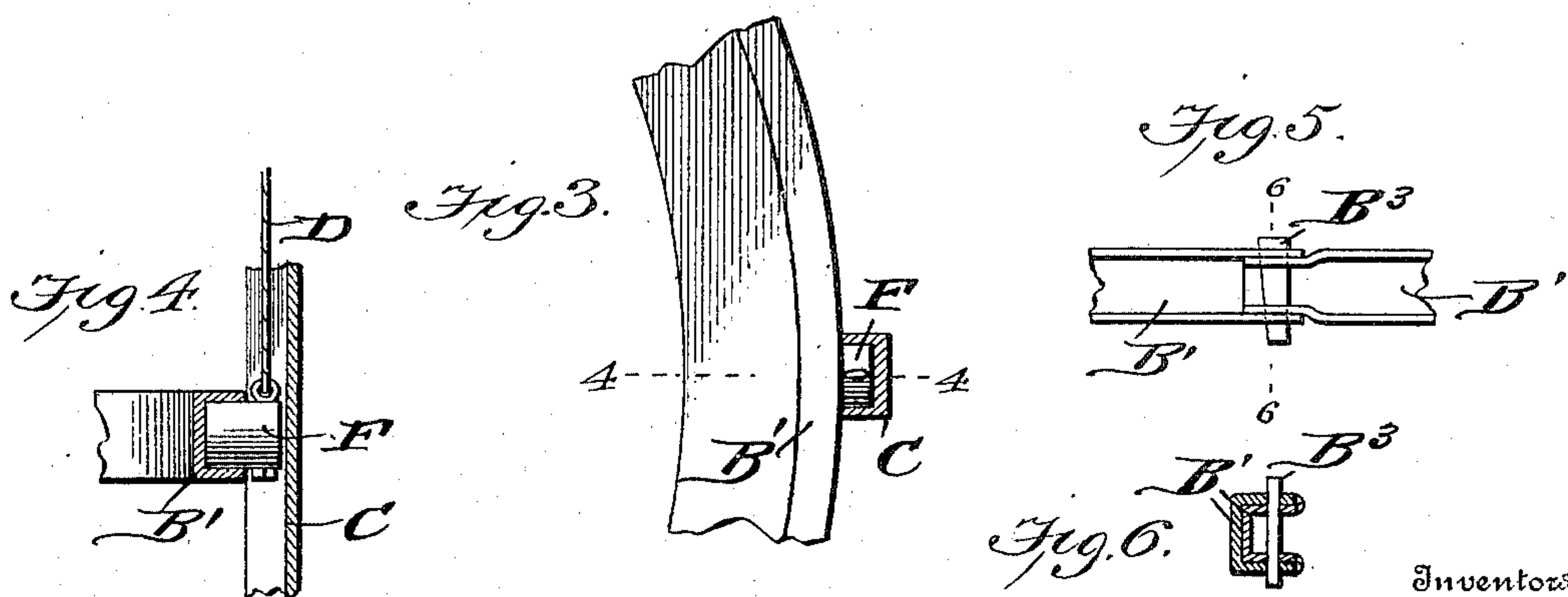
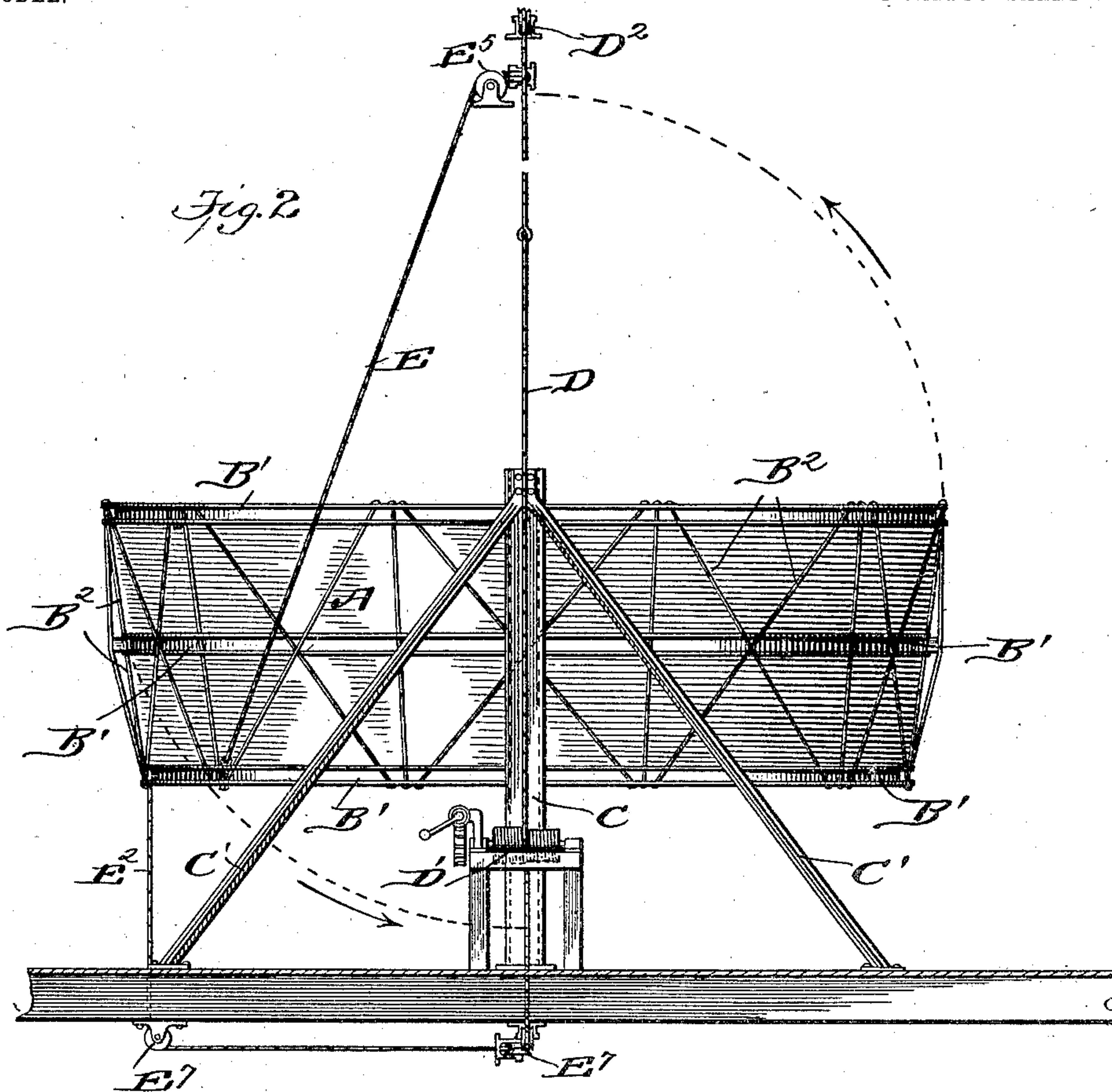
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UNITED STATES PATENT OFFICE.

AUGUST SEYFRIED AND FORREST W. SHEELOR, OF SAN FRANCISCO,
CALIFORNIA.

AMUSEMENT DEVICE.

SPECIFICATION forming part of Letters Patent No. 725,156, dated April 14, 1903.

Application filed August 9, 1902. Serial No. 119,050. (No model.)

To all whom it may concern:

Be it known that we, AUGUST SEYFRIED and FORREST W. SHEELOR, citizens of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented a new and useful Amusement Device, of which the following is a specification.

This invention is an amusement device known as a "cycle-maze," the object of the invention being to provide a device which can be arranged and operated upon an ordinary theater-stage and through the medium of which trick bicycle-riding can be accomplished.

The bicycle consists, essentially, in the construction and arrangement of a circular bicycle-track which is adapted to be first elevated and then tilted, so as to display the rider riding on a track arranged at an oblique angle which in time will approach the perpendicular.

The invention consists also in certain details of construction and novelties of combination, all of which will be fully described hereinafter and pointed out in the claims.

In the drawings forming part of this specification, Figure 1 is a front elevation of the device constructed in accordance with our invention. Figure 2 is a side view of the same. Fig. 3 is a detail top plan. Fig. 4 is a detail section on the line 4 4 of Fig. 3. Fig. 5 is a detail view showing the manner of connecting the sections of the bands, and Fig. 6 is a sectional view on the line 6 6 of Fig. 5.

In carrying out our invention we employ a bowl-shaped bicycle-track A, which is arranged in a circular frame B, said frame being arranged between upright standards C, said frame being raised and lowered by means of the ropes or cables D, connected to a windlass D', and while the track is elevated it is tilted or partially rotated by means of a rope or cable E, connected to a windlass E', while a second rope E², also connected to the windlass E', is employed for returning the track to its normal or horizontal position. The bowl-shaped track A is constructed of suitable material. The frame B is preferably made of three horizontal bands B' of channel-iron, these bands being connected by truss-

rods B². The bands B' are made up in sections, the sections being united by means of wedge-shaped keys B³, as shown in Figs. 5 and 6. The standards C are made from channel-bars and are braced by suitable bars C'. Trunnion-blocks F are adapted to work in the channel-bars C, said trunnion-blocks being arranged in the upper bands B' at diametrically opposite points and have the elevating-ropes D connected thereto, said ropes or cables passing over sheaves D², and are then connected to the windlass D', said windlass being located at any convenient point. The rope or cable E, which is connected to the windlass E, passes over the sheaves E⁵ and is preferably bifurcated, as shown at E³, the ends being connected to the bottom portion of the frame, as shown at E⁴. The rope E² is also connected to the bottom of the frame, as shown at E⁶, said rope being attached at a point midway between the points E⁴, and the rope or cable E² passes over or around sheaves or pulleys E⁷ in passing to the windlass E', and, if desired, a turnbuckle E⁸ may be employed for the purpose of taking up any slack which may occur in the said rope or cable.

In operation the track is first permitted to rest upon the stage or platform. The bicycle-rider then enters the bowl-shaped track and begins riding, and while riding in the said bowl-shaped track the frame is elevated, carrying with it the track, said elevation being accomplished by winding the rope D upon the windlass D'. While the track is suspended between the standards and while the rider is continuing to ride rapidly, the frame, and consequently the track, is tilted or partially rotated, as indicated by the dotted lines in Fig. 2, and this motion continues until the track has been changed from a horizontal to approximately a vertical or perpendicular position, and inasmuch as the rider is moving at a rapid speed all danger of him riding out of the bowl is avoided, as the tendency at all times is for the machine and rider to assume a position at right angles to the plane of the track. The effect of tilting or rotating the track while the riding operation is in progress is startling in the extreme, although perfectly safe.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. An amusement device comprising a bowl-shaped track; together with means for elevating and tilting the said track, as specified.

2. An amusement device comprising a bowl-shaped track arranged in a suitable frame, guiding-standards between which the frame is arranged, means for raising and lowering the frame and track between the standards together with means for tilting the said frame while in an elevated position.

3. An amusement device comprising a bowl-shaped track, a frame in which the track is arranged, the guide-standards between which the frame is arranged, the ropes and windlass for raising and lowering the frame and track,

and the ropes and windlass for tilting the said frame and track while in an elevated position. 20

4. An amusement device comprising a bowl-shaped track, a frame in which the track is arranged, said frame consisting of a plurality of channel-iron bands connected by truss-rods, said bands consisting each of sections 25 united by locking-keys, as specified.

AUGUST SEYFRIED.

FORREST W. SHEELOR.

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