

No. 667,466.

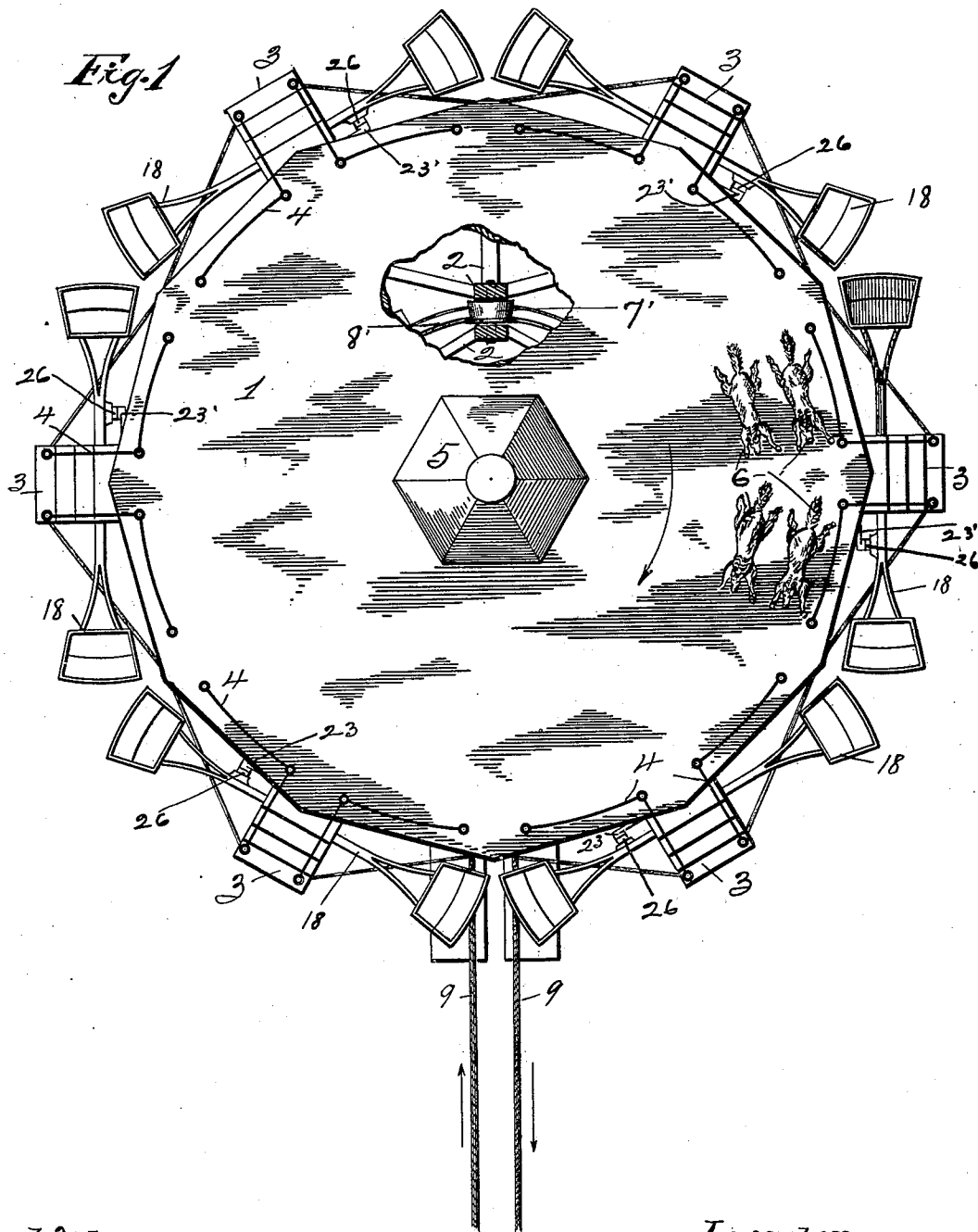
Patented Feb. 5, 1901.

H. SELLERS.
MERRY-GO-ROUND.

(Application filed Dec. 8, 1899.)

(No Model.)

4 Sheets—Sheet 1.



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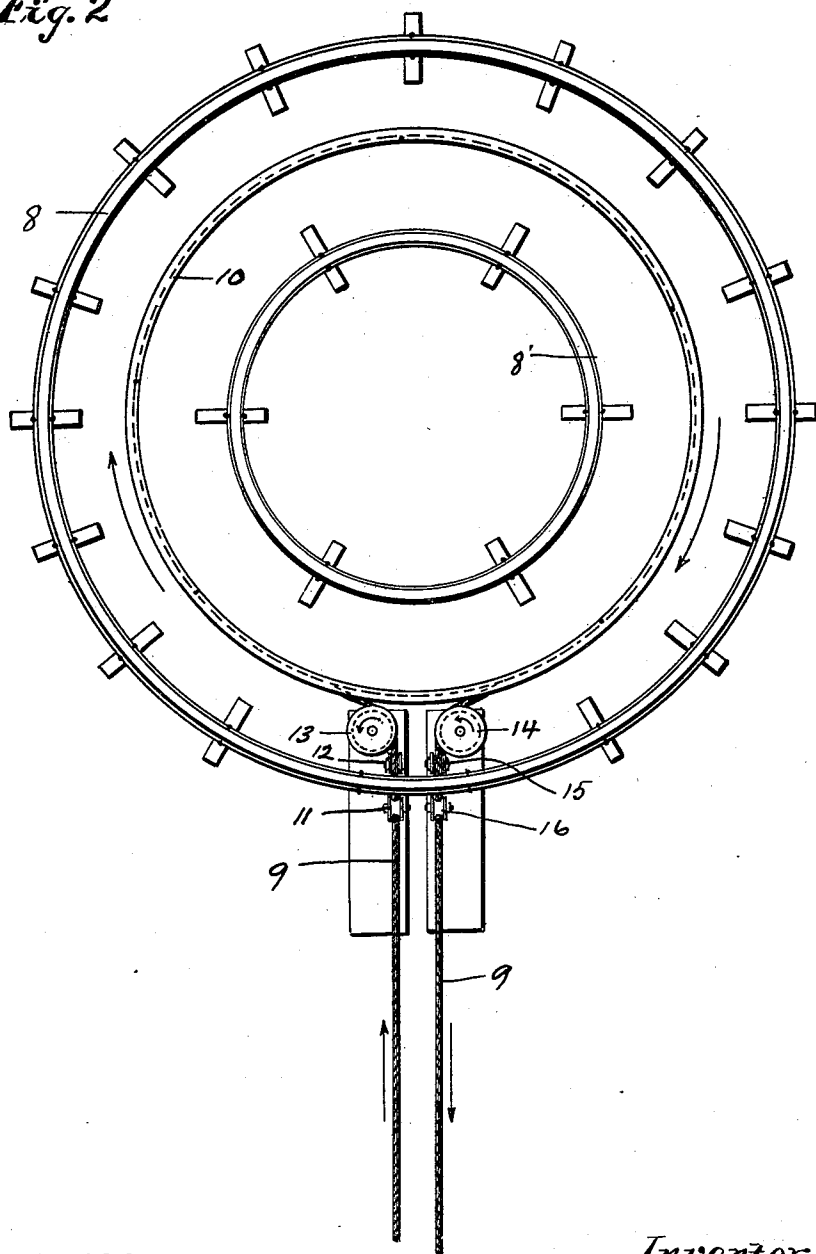
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Fig. 2



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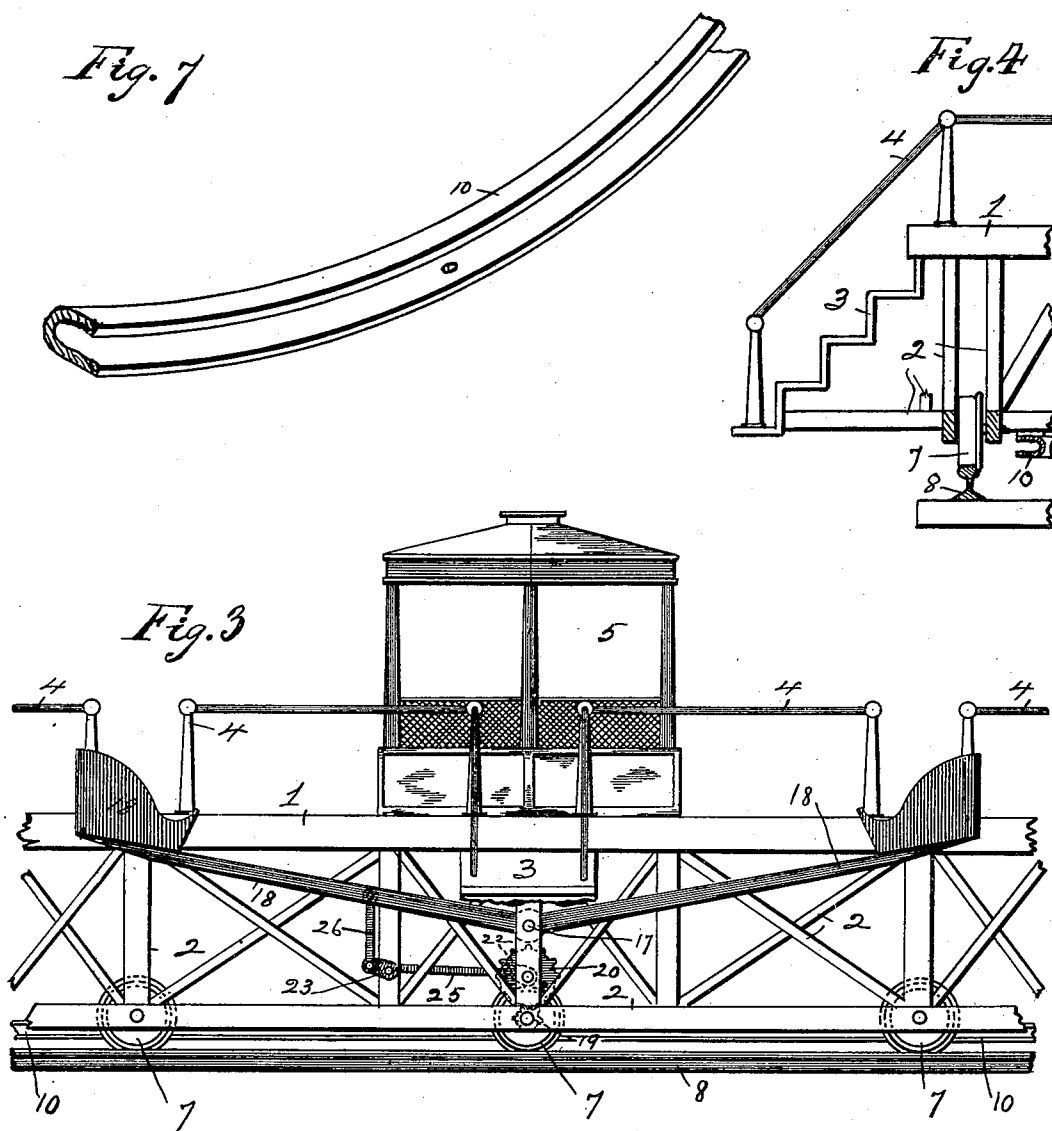
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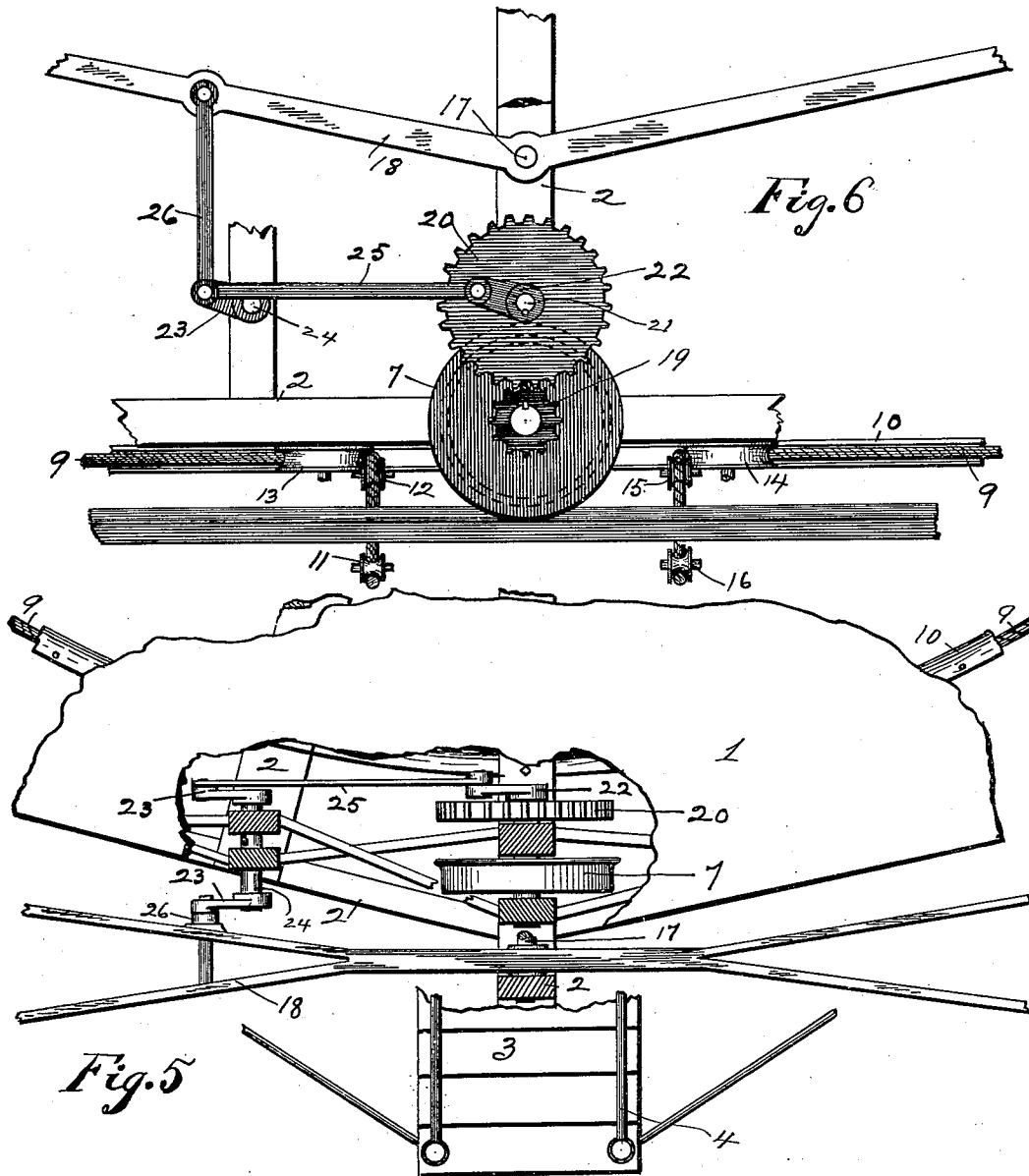
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4 Sheets—Sheet 4.



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UNITED STATES PATENT OFFICE.

HERBERT SELLERS, OF MUNHALL, PENNSYLVANIA.

MERRY-GO-ROUND.

SPECIFICATION forming part of Letters Patent No. 667,466, dated February 5, 1901.

Application filed December 8, 1899. Serial No. 739,616. (No model.)

To all whom it may concern:

Be it known that I, HERBERT SELLERS, a citizen of the United States, residing at Munhall, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Merry-Go-Rounds; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in merry-go-rounds.

The object of my invention is to provide a device of the above-described class which consists of a rotatable platform for dancing and riding purposes, said platform being provided at its center with a band-stand and at intervals around its periphery are placed a number of seesaws. The seesaws are so arranged that they will move up and down as they are carried around by the rotation of the platform, thereby producing a novel form of amusement.

With the above object in view the invention consists in the novel construction, combination, and arrangements of parts, as will be hereinafter more fully described in detail.

In describing the invention in detail reference is had to the accompanying drawings, which form a part of this specification, wherein like numerals of reference designate like parts in detail in the several views, in which—

Figure 1 is a plan view of my improved merry-go-round. Fig. 2 is a plan view of the track and rope mechanism to rotate the device. Fig. 3 is a side view of a portion of the device shown upon a larger scale. Fig. 4 is also an enlarged view of a portion of the side of the device. Fig. 5 is a plan view of a portion of the device, enlarged and partly broken away to show the mechanism for operating the seesaws. Fig. 6 is a side elevation of a portion of the device, showing the mechanism for operating the seesaws. Fig. 7 is a perspective view of a portion of the main drive-pulley for rotating the device.

Referring to the drawings, the numeral 1 designates a platform of suitable form and

size mounted upon and secured to a framework 2. The framework to support the platform may be constructed in any suitable form and of substantial material properly braced at all points where the same shall be necessary. Stairways 3 are placed around the device, so that it may be mounted from all sides. Near the outer periphery of the platform are placed the railings 4, and are joined to similar railings upon each side of the stairways. Mounted upon the platform near the railings are a number of hobby-horses 6, which may be placed in pairs all the way around the platform, or, if preferred, every other pair may be dispensed with and seats placed instead. The remaining portion of the platform is to be used for dancing purposes, and to accommodate the musicians a band-stand 5 is placed in the center.

The framework carrying the platform is mounted upon wheels 7, which are adapted to travel upon the circular track-rails 8 and 8'. To the under side of the framework is attached a large pulley-wheel 10, preferably formed of a circular rim of U-shape in cross-section. This pulley-wheel engages with an endless rope 9, which is wound upon a drum and driven by an engine or other similar power. In rotating the platform by means of the rope and pulley it is necessary to have the rope pass in and out beneath the tracks, so that the rope shall not interfere with the wheels as the device is rotated. To overcome this difficulty, the rope as it enters is caused to pass beneath the fixed pulley 11, thence over and around the pulleys 12 and 13 to the large pulley, and as it leaves the large pulley it passes around the pulley 14, over the pulley 15, and under the pulley 16 to the drum.

Seesaws 18 are mounted upon pins 17 to the framework beneath the stairways. These seesaws are each independently operated from the car-wheels by a mechanism connected therewith. The mechanism for each seesaw consists of a pinion 19, fixed to the inner end of the car-wheel axle, which meshes with a larger wheel 20, which is mounted above upon the axle 21 and is provided with a crank 22. Similar cranks 23 and 23' are fixed to the ends of the shaft 24, which is mounted upon another part of the frame a

short distance away from the pivoted point of the seesaws. A rod 25 connects the cranks 22 and 23 together and a link 26 connects the crank 23' with the seesaw-beam. By coupling
5 each seesaw with the car-wheel beneath it in this manner it will be seen that they will all operate independent of one another as the device rotates.

10 In this device I desire to reserve the right to make the framework of whatever structure will be best adapted to support the platform and mechanism, as well as make such detail changes in the mechanism as will fall within the limits of my invention.

15 Having thus fully shown and described my invention, what I claim as new, and desire to secure by Letters Patent, is—

20 In a merry-go-round, a twelve-sided platform, two concentric tracks, a circular grooved way rotating with said platform, and in a plane

above the plane of the outer of said concentric tracks, vertical posts on the framework underneath the platform, angle-beams pivoted to said posts adjacent to each alternate angle about the periphery of the platform, 25 each beam having its ends bifurcated and curved in opposite directions, seats held on the ends of said beams, the inner faces of said seats being parallel with the adjacent sides of the platform, and at obtuse angles 30 to one another, and means for rotating the platform and for tilting the seat-carrying beams, as set forth.

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

HERBERT SELLERS.

Witnesses:

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E. D. HICKMAN.