

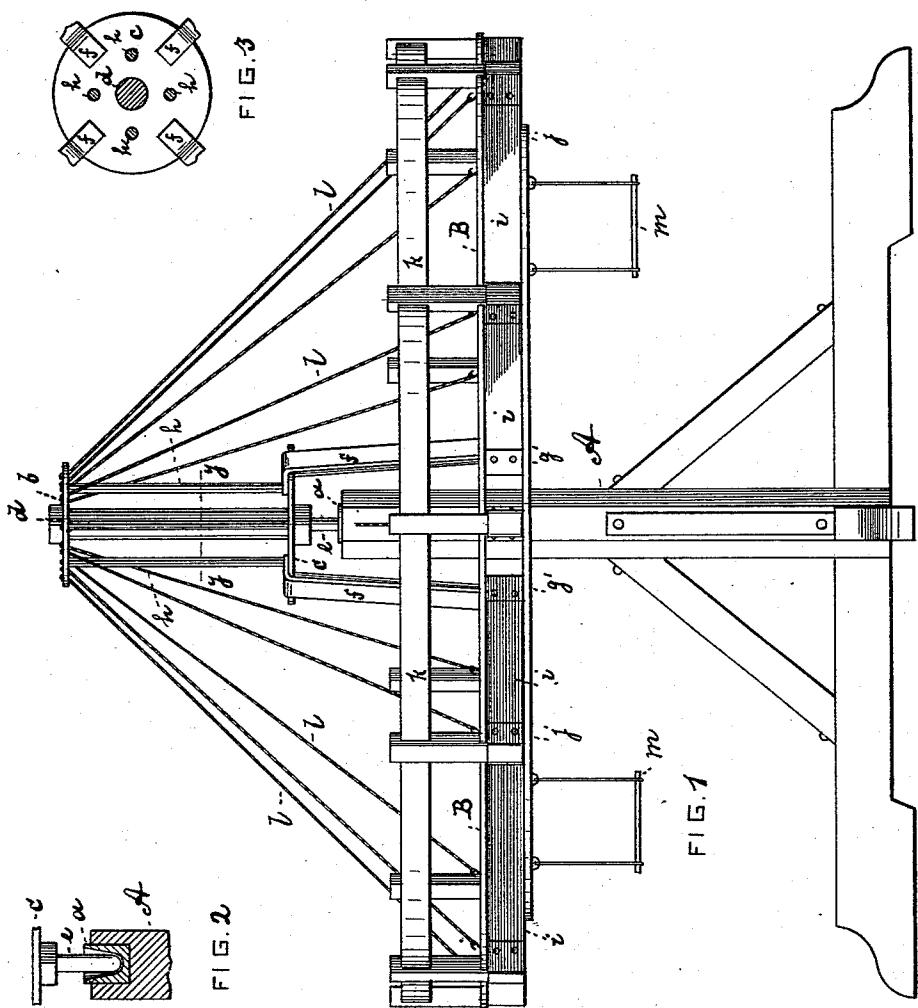
(No Model.)

2 Sheets—Sheet 1.

A. AMELUNG.
ROUNDABOUT.

No. 439,369.

Patented Oct. 28, 1890.



WITNESSES

W. F. Lowe
W. Wagner

INVENTOR

A. Amelung
by his attorney
Roeder & Bresen

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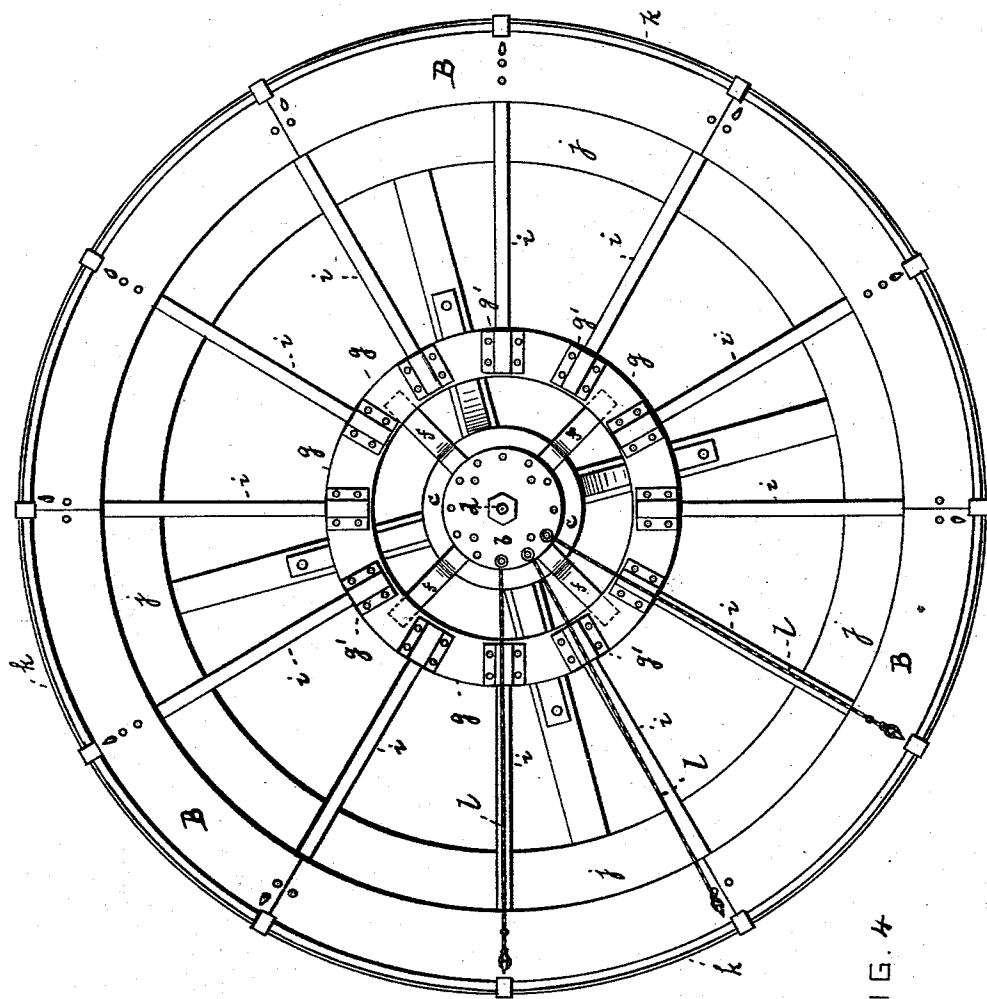


FIG. 4

WITNESSES

Wm. A. Lowe
Wm. Wagner

INVENTOR

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UNITED STATES PATENT OFFICE.

AUGUST AMELUNG, OF UNIONVILLE, NEW YORK.

ROUNDABOUT.

SPECIFICATION forming part of Letters Patent No. 439,369, dated October 28, 1890.

Application filed August 7, 1890. Serial No. 861,360. (No model.)

To all whom it may concern:

Be it known that I, AUGUST AMELUNG, of Unionville, Kings county, New York, have invented an Improved Merry-Go-Round, of which the following is a specification.

This invention relates to that class of merry-go-rounds in which the passengers sit upon a large ring, which is both revolved and oscillated.

It consists in the various features of improvement more fully pointed out in the claims.

In the accompanying drawings, Figure 1 is a side elevation of my improved merry-go-round; Fig. 2, a longitudinal section through the socket *a*; Fig. 3, a section on line *y* *y*, Fig. 1, and Fig. 4 a top view of the machine with some of the stay-ropes removed.

The letter *A* represents a central post firmly anchored. The upper end of this post is mortised, and into the mortise there is set a socket *a*, that is gradually widened toward the top and that constitutes the bearing of the movable part of the machine. This movable part consists, essentially, of the annular platform *B*, that carries the passengers, and of the means for supporting said platform.

Above the post *A* there are placed two disks *b* *c*, connected by a strong central rod *d*. From the lower disk *c* projects downward a central pivot *e*, that enters socket *a*. Moreover, there are connected to the disk *c* four downwardly-extending diverging arms *f*, that embrace the upper section of post *A* and that are joined at their lower end by a ring *g*. The arms *f* are considerably longer than the pivot *e*, so that the rotating superstructure overhangs or surrounds the upper portion of the post *A*, as shown. Around the rod *d* the disks *b* *c* are connected by a series of brace-ropes *h*, Fig. 3, that prevent the disks from bending under the strain. To the ring *g* there are connected by straps *g'* the inner ends of a series of radial floor-beams *i*, the

outer ends of which support the annular platform *B*. Directly in front of this platform an annular foot-board *j* is secured to the lower sides of the floor-beams. This foot-board is concentric with the platform *B*, and the passengers sitting upon the platform and facing toward the center cannot only support their feet, but they are concealed from view from below. A suitable railing *K*, surrounding platform *B*, serves as a back-rest. Stay-ropes *l* connect the platform *B* directly with the upper disk *b*. The floor-beams *i* are uncovered between the foot-board *j* and the ring *g*, and within the open spaces thus formed the passengers may freely ascend and descend by means of a step-ladder. The platform is revolved by means of a number of suspended bars *m*, depending from the foot-board or the platform and within reach of the operators, who grasp the bars from time to time and pull the platform around.

The advantage of my construction lies in the increased safety and comfort for the passengers and in the improved poise of the platform that permits it to sway readily and still to seek quickly its equilibrium.

What I claim is—

1. The combination of a post having a socket with an overhanging superstructure composed of disk *c*, rod *d*, pivot *e*, downwardly-depend ing arms *f*, and ring *g*, and with floor-beams *i*, secured to the ring, and an annular platform secured to the floor-beams, substantially as specified.

2. The combination, in a merry-go-round, of the following elements: a post having a socket, a pair of disks *b* *c*, connecting-rods *d* *h*, pivot *e*, downwardly-depend ing arms *f*, ring *g*, radial floor-beams *i*, foot-board *j*, platform *B*, and stay-ropes *l*, substantially as specified.

AUGUST AMELUNG.

Witnesses:

F. V. BRIESEN,
WM. WAGNER.