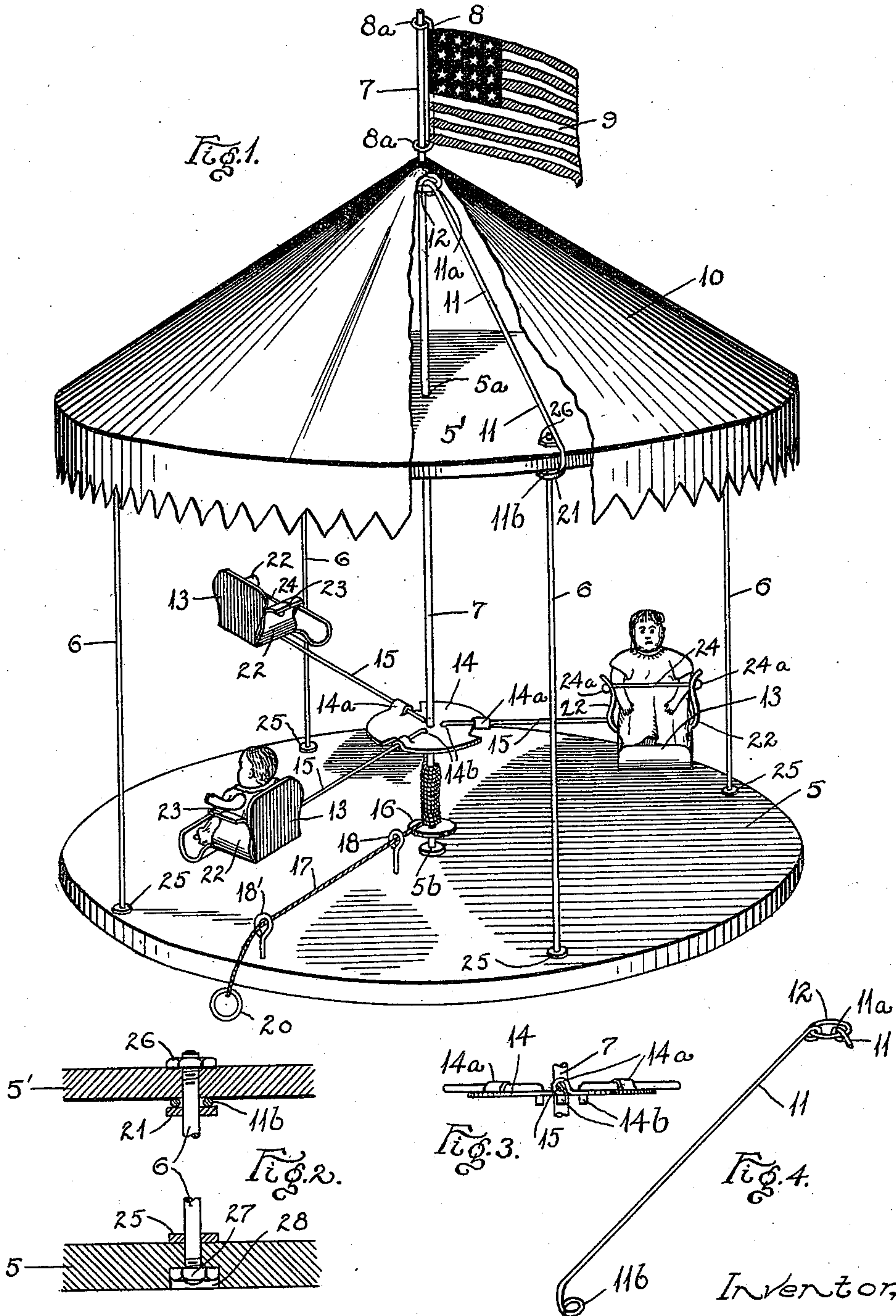


J. L. ALLABOUGH.
TOY ROUNDABOUT.
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975,311.

Patented Nov. 8, 1910.



Witnesses:
Monroe S. Miller
J. J. Rockwell.

Inventor
Joseph L. Allabough,
By Bommarhardt & Co.
Attorneys.

UNITED STATES PATENT OFFICE.

JOSEPH L. ALLABOUGH, OF LAKEWOOD, OHIO, ASSIGNOR TO THE SHANAFELT MANUFACTURING COMPANY, OF CANTON, OHIO, A CORPORATION OF OHIO.

TOY ROUNDABOUT.

975,311.

Specification of Letters Patent.

Patented Nov. 8, 1910.

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To all whom it may concern:

Be it known that I, JOSEPH L. ALLABOUGH, citizen of the United States, residing at Lakewood, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Toy Roundabouts, of which the following is a specification.

This invention is a toy round-about or merry-go-round, designed for the entertainment and amusement of children, and comprises substantially a vertical shaft supported in a suitable frame and having a plurality of radial arms carrying seats in which dolls or the like can be placed, and a cord wound on the shaft so that by pulling the same the shaft and the seats or carriers are revolved; and it is the intention that after the cord is pulled out to its full length the shaft will continue to rotate to rewind the cord thereon, for a new start in the opposite direction.

The device has various novel details tending to simplicity and cheapness of construction, which are desirable in a toy. Furthermore, the construction is such that the device can be readily knocked down, and can be marketed in such condition, and then easily set up for use by the purchaser.

The invention is illustrated in the accompanying drawings in which—

Figure 1 is a perspective view of the same, part of the canopy being broken away. Fig. 2 is a detail in section showing the manner of setting up the frame. Fig. 3 is a detail of the central disk which supports the arms carrying the seats. Fig. 4 is a detail of one of the canopy supporting wires.

Referring specifically to the drawings, the frame consists of upper and lower circular plates or pieces 5' and 5 which are connected and spaced by upright rods 6, a plurality of which are disposed around the top and bottom plates, adjacent the edges thereof. Each rod 6 extends at its opposite ends through suitable holes in the plates, and is threaded to receive nuts 26 and 27 which clamp the plates in position between the nuts and fixed washers or flanges 21 and 25 which are soldered or otherwise secured to the rods. The lower nut 27 is sunk into a recess 28, so that the bottom plate will set flatly on a table or other surface.

The central upright shaft 7, consisting of a piece of rather stiff wire or the like, is

mounted in the frame, extending through a central hole 5^a in the top plate 5', and stepped at its lower end in a bearing 5^b at the center of the lower plate 5. At a suitable distance above the bottom plate the shaft 7 has fixed thereto a circular disk 14 to which the inner ends of the wire arms 15 are attached. These arms extend radially, and the inner extremities thereof are bent down as indicated at 14^b to hook into holes in the disk, and at the edge of the disk are engaged under lips 14^a formed by slitting the edge of the disk, said lips being bent over the arms to hold them in place.

The chairs or carriers 13 are soldered or otherwise fixed to the outer ends of the arms 15. Said chairs will conveniently be made of thin sheet metal stamped and pressed to proper shape, and are preferably provided with spring sides 22 which will yield to allow the body of a doll or the like to be pressed therebetween, and so retained in position. Further retaining means may consist of a cord or the like 24 extending between said sides and through slots or openings 23 therein, the ends of the cords having knobs 24^a to hold same in position.

A cord or string 17 is fastened to the shaft 7 below the disk 14 and extends outwardly through guide eyes 18 and 18', and terminate in a ring 20. A small disk 16, secured to the shaft 7, prevents the cord 17 from running down into the bearing.

The conical canopy 10 is supported on top of the frame by means of a series of wires 11, each of which has an eye 11^b at its lower end, through which eye one of the standards 6 extends, the eye being clamped between the top plate 5' and the flange 21, by means of the nut 26. The upper end of each wire 11 is hooked as at 11^a through a ring 12 through which the upper end of the shaft 7 extends. The flag 9 may be supported on the top of the shaft by means of a wire 8 to which the flag is attached, the wire having eyes 8^a at the opposite ends, to fit the projecting end of the shaft.

For packing and shipping the various parts will be separated and packed together, and the device can be readily set up by erecting the standards and shaft on the bottom plate and then slipping the top plate down upon the shaft and finally adding the canopy and its supporting wires, the parts being held together by tightening the nuts

26 and 27. The arms 15 will then be attached to the disk 14 by hooking the ends into the disk and bending over the lips 14^a. The remaining parts will be connected or
5 put in place in an obvious manner.

By pulling the string the shaft and seats will be caused to revolve for the intended purpose, and may be kept going by allowing the cord to wind up in opposite directions
10 alternately.

What I claim as new is:—

1. In a toy round-about, the combination of a fixed frame having bearings, a shaft mounted in said bearings, a disk fixed to
15 the shaft and having holes and lips struck

up adjacent said holes, and carrier arms the inner ends of which are bent to engage in said holes, the lips being bent over the arms, to hold the same in place.

2. In a toy round-about, the combination 20 of an upright shaft, arms projecting therefrom, and carriers at the outer ends of the arms, the carriers having spring sides to grip an object placed therein.

In testimony whereof, I do affix my signature in presence of two witnesses. 25

JOSEPH L. ALLABOUGH.

Witnesses:

MACK ARNOLD, Jr.,

FRANK E. SMELY.