

No. 773,560.

PATENTED NOV. 1, 1904.

J. V. FULLER.
TOY CAROUSEL.

APPLICATION FILED FEB. 9, 1903.

NO MODEL.

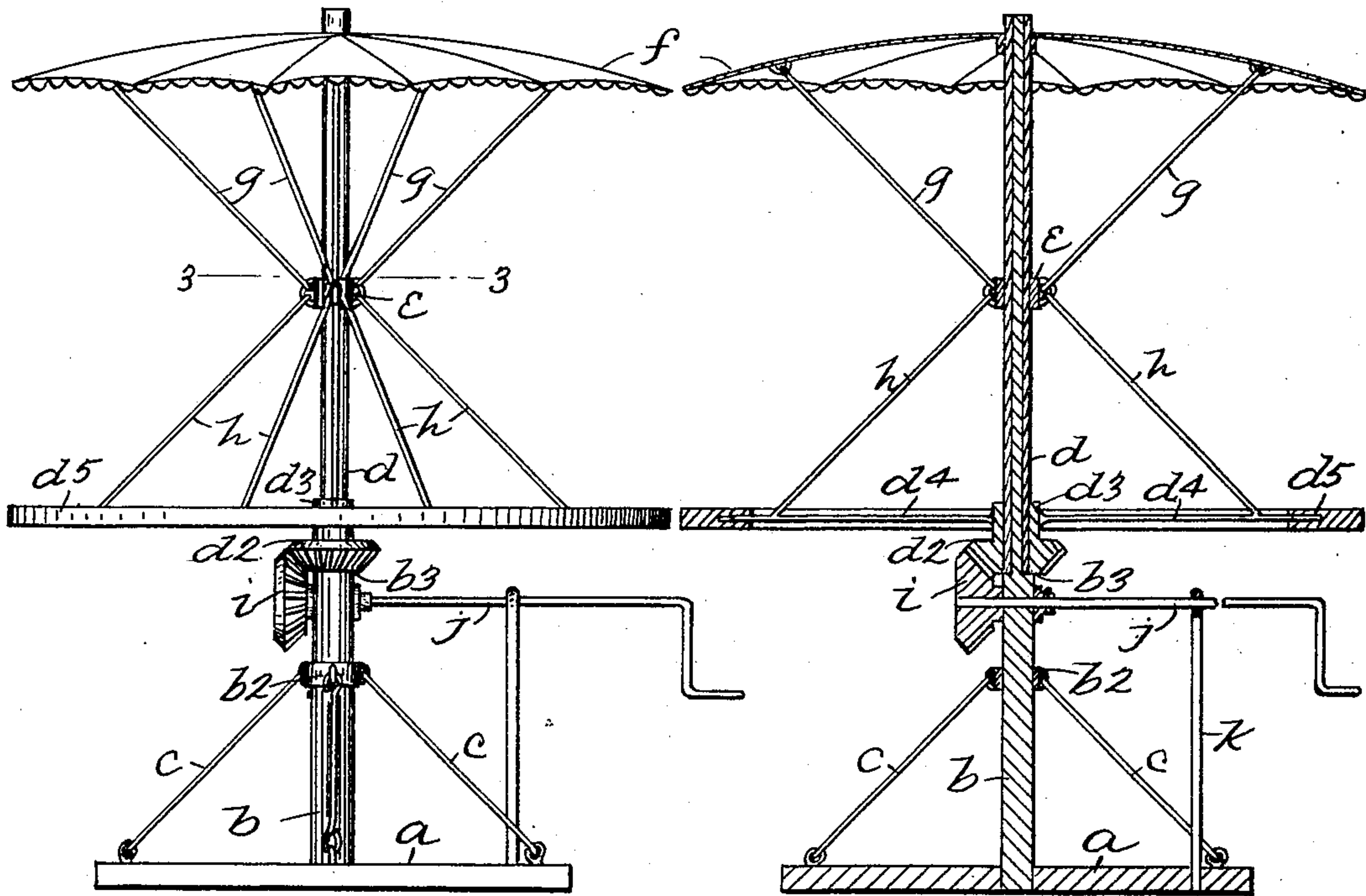


Fig. 1.

Fig. 2.

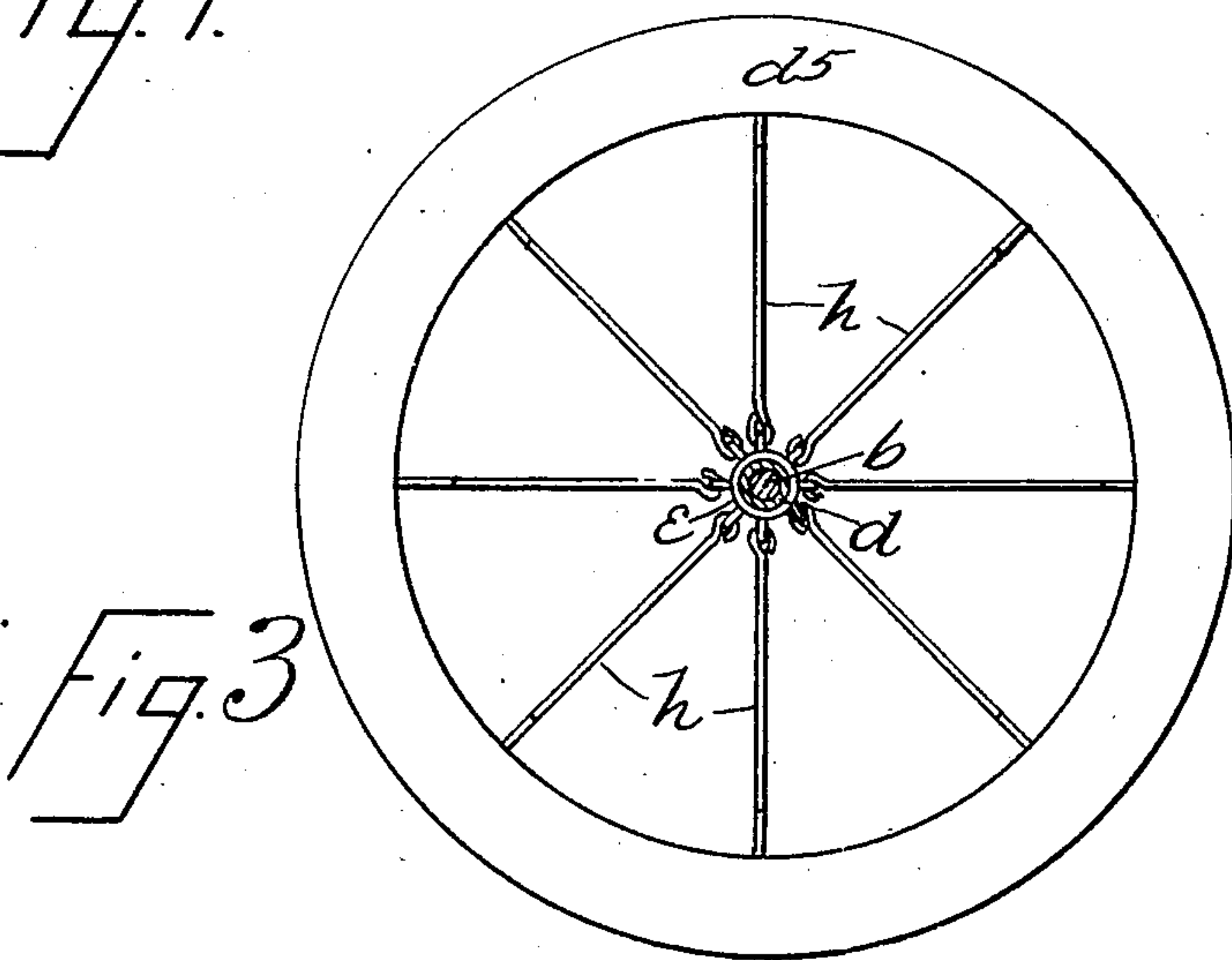


Fig. 3.

WITNESSES

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INVENTOR

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TOY CAROUSEL.

SPECIFICATION forming part of Letters Patent No. 773,560, dated November 1, 1904.

Application filed February 9, 1903. Serial No. 142,535. (No model.)

To all whom it may concern:

Be it known that I, JULIUS V. FULLER, a citizen of the United States, residing at Jersey City, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Toy Carousels, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

The object of this invention is to provide an improved toy carousel for the use and amusement of children; and with this and other objects in view the invention consists in a device of the class specified constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which—

Figure 1 is a side view of my improved toy carousel; Fig. 2, a central vertical section thereof, and Fig. 3 a transverse section on the line 3 3 of Fig. 1.

In the practice of my invention I provide a base *a*, to which is rigidly secured in any desired manner a vertical shaft *b*, which is provided at a predetermined distance above the base *a* with a collar *b*², with which are connected radially-arranged braces *c*, which are also connected with the base *a*, these connections being made in any desired manner.

At any suitable point above the collar *b*² the shaft *b* is provided with an annular shoulder or other support *b*³, and on said shaft above said annular shoulder or other support *b*³ is placed a sleeve *d*, to the lower end of which is secured a beveled gear-wheel *d*², which is preferably provided with a hub *d*³, with which is connected radial arms *d*⁴, with the outer end of which is connected an annular support *d*⁵ of any desired form or construction. At a predetermined distance above the wheel *d*² the sleeve *d* is also provided with a collar *e*, and at the top of said sleeve is secured an umbrella or other suitable shade *f* of any preferred construction, and connected with the collar *e* are brace-rods *g* and *h*, the first of which are connected with the umbrella

or shade *f* and the latter with the radial arms *d*⁴ or, if preferred, with the annular support *d*⁵.

The parts *d*, *d*², *e*, *f*, *g*, and *h* are all connected in such a manner as to turn with the sleeve or part *d*, and said parts are all turned by means of the wheel *d*², which operates in connection with a corresponding beveled gear-wheel *i*, secured to the end of a horizontally-mounted crank-shaft *j*, which is preferably passed through the shaft *b*, and is also provided with a supplemental support *k*, connected with the base *a*.

The umbrella or shade *f* may be made in any suitable manner and constitutes a crown or cover for the entire device and may be made very ornamental, if desired, and in practice toy figures of various kinds and classes may be placed on the annular support *d*⁵, and supplemental supports in the form of chairs, toy animals, &c., may also be placed on said support, and the entire superstructure involving all the parts connected with the sleeve *d* may be turned in either direction by means of the shaft *j*.

This device is simple in construction and operation and comparatively inexpensive, and by means thereof children as well as others may be entertained and amused.

Although I have shown the shaft *b* as passing into the base *a*, and the arms *d*⁴ connected with a hub or collar *d*³ on the wheel *d*², and the braces *h* rigidly connected with the arms *d*⁴, and said braces *h* and the braces *g* composed of single parts, I do not limit myself to this exact construction, as in practice I may make the annular support *d*⁵, the arms *d*⁴, the braces *g* and *h*, and the top, canopy, or umbrella portion *f* in such manner that they may be detached from the sleeve *d* and folded together, and the shaft *b* may also be made detachable from the base *a*, and all the parts may be formed and connected so that they may be readily disconnected and packed together for shipment, the essential feature of the construction being that the superstructure, including the annular support *d*⁵, the top portion *f*, and the braces *g* and *h*, may be turned with the sleeve *d* by means of the crank-shaft *j* and the gear-wheels *d*² and *i*.

Having fully described my invention, what

I claim as new, and desire to secure by Letters Patent, is—

5 A toy carousel comprising a base, a vertical shaft rigidly connected therewith, a sleeve mounted on the upper portion of said shaft and extending to the top thereof and provided at its lower end with a gear-wheel, an annular support connected with said sleeve at the lower end thereof, a canopy or umbrella con-
10 nected with said sleeve at the upper end thereof, a collar connected with said sleeve midway between said canopy or umbrella and said support, brace-rods connecting the collar and the canopy or umbrella, other brace-rods con-

necting the collar and the annular support, 15 and devices operating in connection with said gear-wheel for turning the sleeve and the parts connected therewith, substantially as shown and described.

In testimony that I claim the foregoing as 20 my invention I have signed my name, in presence of the subscribing witnesses, this 7th day of February, 1903.

JULIUS V. FULLER.

Witnesses:

F. A. STEWART,
C. E. MULREANY.