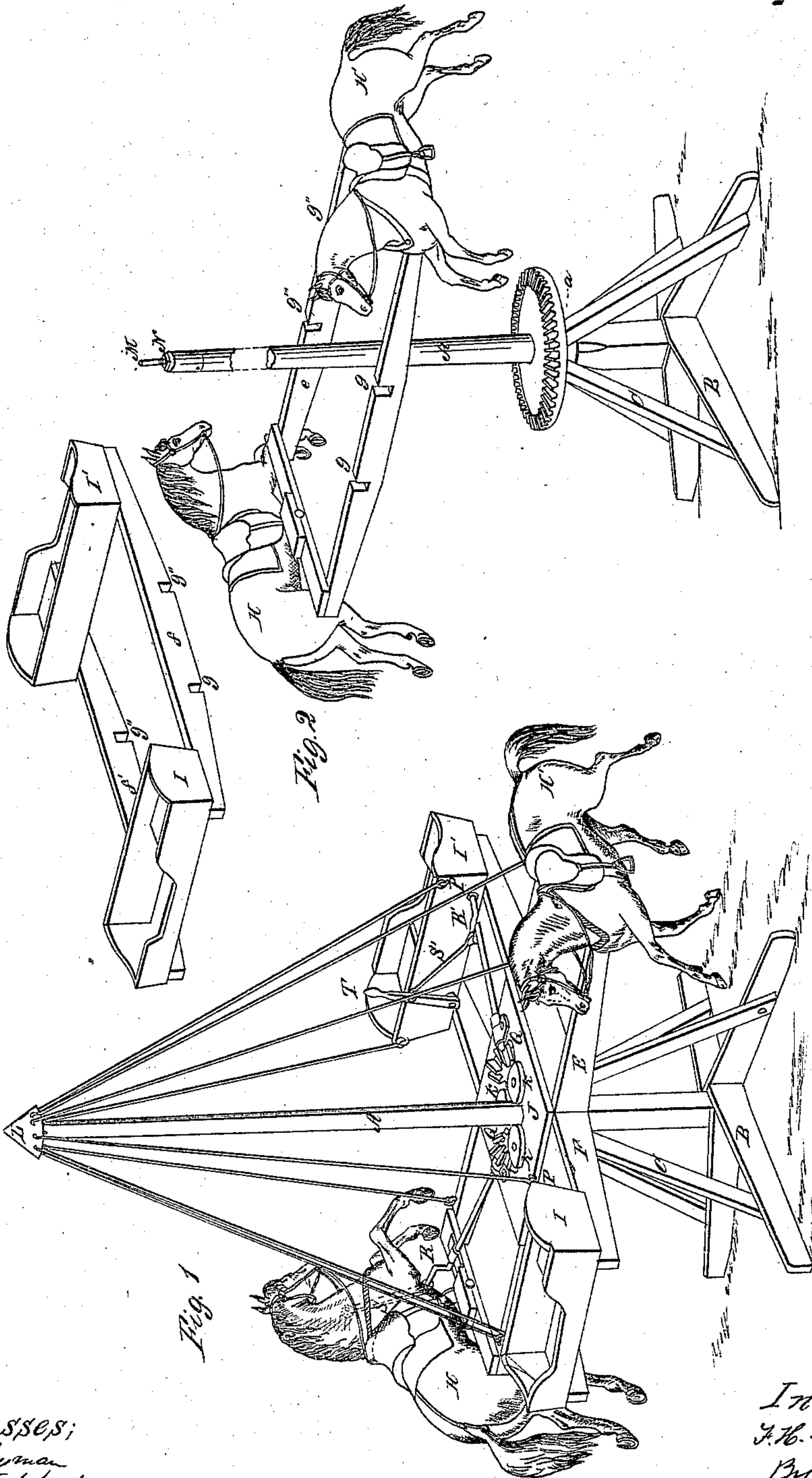


F. H. Keeny,

Roundabout,

N^o 66,714.

Patented July 16, 1867.



Witnesses;
Geo. H. Lyman
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attys

United States Patent Office.

FIELDING H. KEENEY, OF NEWPORT, KENTUCKY.

Letters Patent No. 66,714, dated July 16, 1867.

"ROUNABOUT" TOY.

The Schedule referred to in these Letters Patent and making part of the same.

TO WHOM IT MAY CONCERN:

Be it known that I, FIELDING H. KEENEY, of Newport, Campbell county, Kentucky, have invented a new and useful Roundabout; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

My invention relates to an improvement in the well-known horizontal revolving frame or wheel for the amusement of children, and commonly known as a roundabout or "Flying Dutchman," and consists in—

First, a provision or provisions whereby such a frame or wheel may be impelled by one or more of the riders themselves.

Second, a mode of construction by which the apparatus is self-supporting, and may be set up complete in a parlor or hall without the necessity of any guys or other like moorings or fastenings to the ground or surrounding objects; and whereby it may be readily and conveniently taken apart, and reduced to a few compact parts for transportation.

Figure 1 is a perspective view of my roundabout, set up and ready for use.

Figure 2 shows the component parts unlimbered for package or transportation.

A is a post, shouldered at *a*, above which it is circular and slightly tapering, and below which it is provided with feet B and braces C, which may be screwed fast to it, as shown, so as to be detachable when desired. The shoulder *a* supports a bevel-wheel, D. The revolving frame or wheel proper consists of two principal parts or members, E and F, each formed of two parallel shears or bars, *e e'* and *f f'*, which bars are gined out, as at G G and G' G', so as to interlock in the manner shown. The extremities of the said frames are braced by and carry hobby-horses H H', or seats I I' for the riders. One of said members is surmounted at its middle by a platform, J, which supports three or more anti-friction rollers K K' K'', adapted to bear against the post, and in conjunction with a thimble, L, resting upon the pointed summit M of the post, serving to hold the revolving frame plumb, while permitting its free rotation. The point M consists of a screw-threaded bolt, which enters a nut in the top of the post, and has a jam-nut, N, which secures it to any particular vertical adjustment. The outer ends of the revolving frame are upheld by suspenders O, whose upper ends engage in holes in the thimble, and whose lower ends hook into staples P. Thus the entire revolving frame and its appurtenances are suspended from the pointed summit of the post, and move with the slightest impulse. Gearing to the bevel-wheel D are pinions Q Q', having crank-shafts R R' connected by pitmen S S', of which the pitman S passes up into a recess within the body of the rocking-horse H, and is pivoted at its upper end thereto, and of which the pitman S' is pivoted to a lever, T.

The propulsion of the frame may be effected either by the alternate forward and backward motion of one bestriding the rocking-horse H, or by an occupant of the seat I through the instrumentality of the lever T. The seats I I' are so attached to the frame as to incline slightly inward from a tangential line, that position being found most agreeable to riders subject to giddiness.

While describing the preferred form of my invention I do not desire to restrict myself thereto, it being susceptible of various modifications; for example, frictional gearing may replace the cog-wheels D Q Q'. A cheap form of the machine may comprise one pair of shears or bars, carrying a horse at one end and a seat at the other end, or horses or seats exclusively. A treadle or a rotary winch may be used either in conjunction with or instead of the lever. The feet may be capable of being fastened to the floor by thumb-screws if desired.

I claim herein as new and of my invention—

A "roundabout" or "Flying Dutchman," constructed substantially as described, and adapted to be propelled by the rider or riders by means of one or more cranks and pinions.

In testimony of which invention I hereunto set my hand.

F. H. KEENEY.

Witnesses:

GEO. H. KNIGHT,

JAMES H. LAYMAN.