

J. HANLEY.  
TOY PUSH WHEEL.  
APPLICATION FILED JAN. 4, 1909.

937,523.

Patented Oct. 19, 1909.

Fig. 1

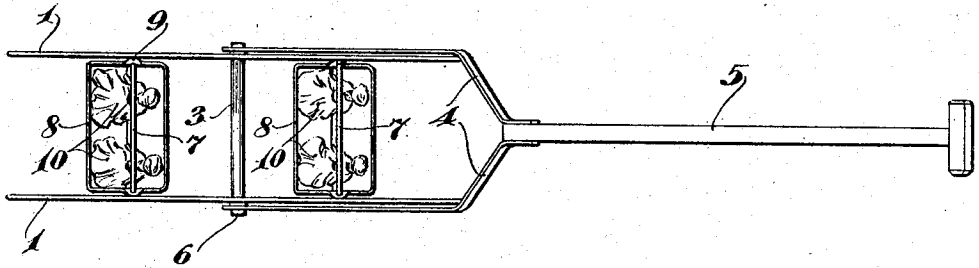


Fig. 3

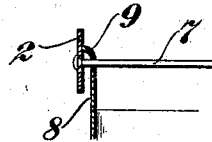
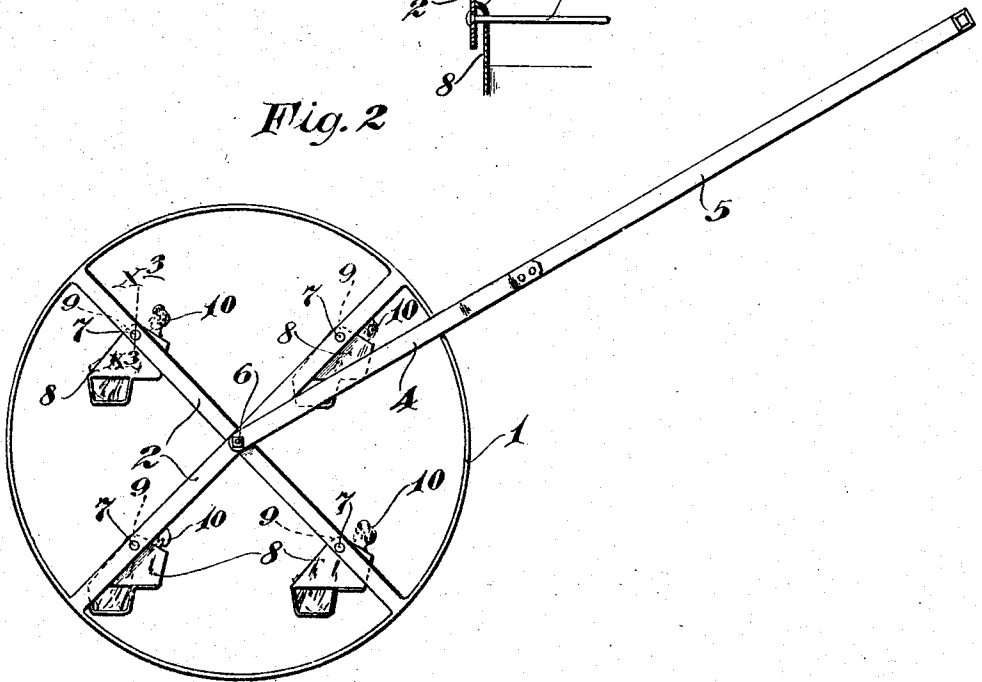


Fig. 2



Witnesses:  
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# UNITED STATES PATENT OFFICE.

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## TOY PUSH-WHEEL.

937,523.

Specification of Letters Patent.

Patented Oct. 19, 1909.

Application filed January 4, 1909. Serial No. 470,616.

*To all whom it may concern:*

Be it known that I, JOHN HANLEY, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Toy Push-Wheels; and I do hereby 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.

My invention has for its object to provide an improved toy, and to this end, it consists of the novel devices and combinations of devices hereinafter described and defined in the claims.

In this improved toy, I utilize certain of the features involved in the so called Ferris wheel, that is, I employ a wheel having pivoted thereto, a multiplicity of gravity aright-  
ed or suspended cages or carriers; but in my improved toy, I apply a handle bar to the axis of this wheel, thereby adapting the same to be pushed or pulled over a floor or over the ground.

In the accompanying drawings which illustrate the invention, like characters indicate like parts throughout the several views.

Referring to the drawings: Figure 1 is a plan view of the improved toy; Fig. 2 is a side elevation of the same; and Fig. 3 is a vertical section taken on the line  $x^3 x^3$  of Fig. 2, showing the parts on a larger scale than in said Fig. 2.

The wheel which, in fact, is a double wheel, is made up of a pair of laterally spaced wheel rims 1, that are connected by spokes 2 to a common sleeve like hub 3. This sleeve like hub 3 is pivotally connected to the prongs 4 of a handle bar 5 by means of a nutted bolt 6 passed through the ends of said prongs 4 and through the said sleeve 3. The spokes 2 of the laterally spaced rims 1 are preferably made flat and are transversely aligned with each other, so that the transversely opposite spokes at their intermediate

portions, are tied together by transverse rods 7.

On each transverse rod 7, a cage or carrier preferably in the form of an inclosed seat 8, pressed from thin sheet metal, is pivotally suspended. The pivotal connections between the sides of the cages 8 and the respective rods 7, are located very materially above the center of gravity of the lowered cage or seat, so that the latter will be gravity arighted or held throughout the rotary and traveling movements of the wheel. The sides of the seats 8, at their extreme upper portions, above, but close to the rods 7, are provided with out turned lips 9 that directly engage with the flat inner surfaces of the wheel spokes 2, and keep the sides of the said seats 8 spaced from the said spokes so that there will be no danger of the baskets being caught or interlocked with the wheel spokes.

The numeral 10 indicates small toy figures, such as miniature dolls, which are placed in the cages or baskets 8. A child using the toy, would usually push the wheel ahead, but it may, of course, be drawn if desired. The device may be made at small cost and, of course, may be made in various desired sizes.

What I claim is:

A toy comprising, laterally spaced rims and transversely opposite spokes, tie rods connecting the intermediate portions of transversely opposite spokes, sheet metal seats or cages pivoted on said tie rods, and provided at their extreme upper side portions, just above the respective tie rods, with out turned lips engageable with adjacent spokes to hold the ends of said seats spaced from said spokes, and a handle bar pivotally connected to the hub of said wheel.

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

JOHN HANLEY.

Witnesses:

H. D. KILGORE,  
F. D. MERCHANT.