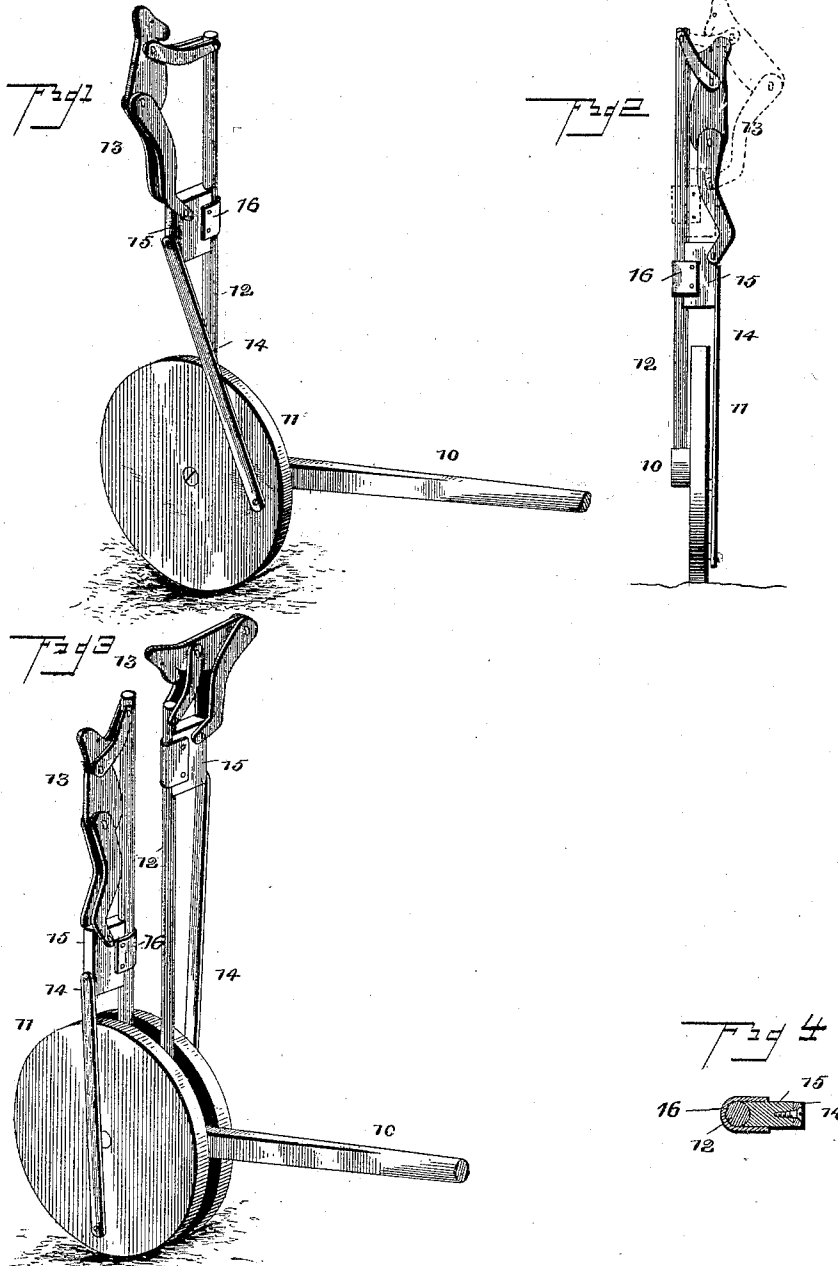


(No Model.)

G. V. BARNES.
TOY.

No. 465,071.

Patented Dec. 15, 1891.



Witnesses

John Smith
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GUY V. BARNES, OF KITTRELL, NORTH CAROLINA, ASSIGNOR TO HIMSELF
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TOY.

SPECIFICATION forming part of Letters Patent No. 465,071, dated December 15, 1891.

Application filed November 5, 1890. Serial No. 370,389. (No model.)

To all whom it may concern:

Be it known that I, GUY V. BARNES, a citizen of the United States, residing at Kittrell, in the county of Vance and State of North Carolina, have invented certain new and useful Improvements in Toys; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to that class of toys which may be designated as "trundles," and it has particular relation to an improved trundle toy which is adapted to automatically operate as a child wheels or pushes the trundle, substantially as hereinafter set forth.

The object of my invention is to provide a simple and improved toy of this character, which will possess advantages in point of inexpensiveness and economy in manufacture, simplicity and durability in construction, positive operation, and general efficiency, and which can be placed upon the market at a comparatively small expense and sold cheaply.

In the drawings, forming a part of this specification, Figure 1 is a perspective view of my improved toy. Fig. 2 is an end elevation of the same. Fig. 3 is a perspective view illustrating a modification. Fig. 4 is a detail sectional view.

Corresponding parts in all the figures are denoted by the same numerals of reference.

In the construction of my new toy I employ a handle or stick 10 of any suitable length, and at or near the lower end of the same is pivotally mounted a trundle-wheel 11 of any desired or adapted size. A standard or upright 12 is fixed or secured to the handle or stick upon its upper side and near the lower end, said standard being preferably mounted at a point above the pivotal point or axis of the trundle-wheel, as shown in the drawings. The standard 12 projects upwardly a suitable distance, and at or near the upper end of the same is pivotally secured the figure to be moved or operated, said figure being also connected with and operated by a pitman 14, attached to the trundle-wheel and reciprocated thereby. The figure may be of any suitable or desired form and con-

struction; but in the annexed drawings I have shown a jointed figure representing a monkey 13 and comprising simply a trunk or body, to which the leg-pieces and arm-pieces are pivotally secured, the ends of the arm-pieces representing the hands or paws being pivotally secured to the upper end of the standard, while the feet are pivotally connected with a block 15, which is adapted to slide upon the standard and guide the movement of the figure. In this construction the pitman 14 is pivotally connected with the block at its upper end and with the trundle-wheel at its lower end, as shown in the drawings. The block 15 may be mounted upon and connected to the standard in any suitable manner, but is preferably provided with a concave inner face, which rests against the standard, and with a band or strip 16, embracing the latter and having its ends secured to the block, the standard being preferably cylindrical to accommodate this construction and arrangement.

In Fig. 3 I have illustrated a modification in which a double toy is formed by the employment of two trundle-wheels and two standards having their respective figures and connecting mechanism, the relative arrangement being preferably such that one figure is at the top of its standard, while the other is at the lowermost point of movement, (see Fig. 3,) the figures thus having an alternate relative movement.

It will be understood that any adapted modifications may be made in the character of the figure employed, and that in lieu of a jointed figure representing a monkey a figure representing an acrobat or the like may be employed, and also that the construction and arrangement of the carrying-block may be varied, and that the connection between the pitman and jointed figure may be carried out in any suitable manner.

The operation of my improved trundle toy is simple and will be readily understood by any child. The end of the stick or handle 10, which is of course of sufficient length, is held in the hand of the child and the toy pushed forward upon the pavement through the medium of the trundle-wheel. The lat-

ter travels upon the ground, and by its revolutions reciprocates the pitman to cause the movement and operation of the jointed figure.

I do not wish to be understood as limiting myself to the exact construction and arrangement of parts, as herein shown and specified, as various modifications may be manifestly made without departing from the spirit and scope of my invention. For instance, a saw figure could be pivotally mounted upon the standard and reciprocated or operated by connection with the pitman, and I therefore reserve the right to all modifications as properly fall within the spirit and scope of my invention.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

An improved trundle-toy of the class described, comprising a carrying stick or frame

embodying a guide-track, a trundle-wheel, an independent operating-block mounted upon the guide-track and sliding thereon, a jointed figure pivotally secured to the guide-track and pivotally connected with the independent operating-block, the figure being transversely mounted and adapted to operate transversely with relation to the line of movement of the toy, and a pitman connected directly to the independent operating-block and the trundle-wheel, whereby the movement of the figure is in a plane transverse to the length of the toy, substantially as and for the purpose set forth.

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

GUY V. BARNES.

Witnesses:

M. B. HEDGEPEETH,
J. E. COLLINS.