The present invention relates to playthings and toys for children and has reference, more in particular, to a so-called trundle-type toy, one which permits the juvenile user to roll the wheel of the toy along a pavement, the surface of a yard or other safe and convenient place to not only promote amusement but to function, just as desirably, as an exercising device.

More specifically, the invention has to do with a so-called trundle wheel which has the advantages of a hoop for running exercise but stays with the user to avoid hazardous and uncontrolled traveling on to a busy street or highway when used in urban, and often suburban, areas.

It is a further object of the invention to provide a structure which is characterized by the prerequisite of common means of toys; namely, simplicity in construction, factors of safe and easy control and maneuverability, economy, and commercial appeal to both parents and youngsters.

Briefly comprehended, the invention has to do with an elongated linearly straight generally rigid shaft, a trundling wheel fixed on the outer or remote end of the shaft, the inward or proximal end having a crank and complemenetary hand-grips being provided to permit aptly controlled operation and use.

Other objects, features and advantages will become more readily apparent from the following description and the accompanying sheet of illustrative drawings.

In the accompanying sheet of drawings wherein like numerals are employed to designate like parts throughout the views:

Figure 1 is a perspective view of a trundle-type toy constructed in accordance with the invention and showing the approximate manner in which it is susceptible of being properly and safely used; Figure 2 is an elevational view of the trundling wheel appearing in section and elevation; Figure 3 is an enlarged fragmentary view in section and elevation showing the details of construction. Referring now to the drawings, the rigid linearly straight shaft or rod is denoted by the numeral 4. Fixed to the remote or distal end is the trundling wheel 6 and this comprises a suitable rim 8, radial spokes 10 and a hub 12, the hub being fixed to the extreme outer or distal end of the shaft. On the opposite proximal or inner end a hand crank 14 is provided. The first bend of the crank is denoted at 16 and the complemenetary bend at 18 and the latter is provided with a fixed washer providing a shoulder at 20. The outer end of the bend is formed into a peened or otherwise formed head 22 so that the space between accommodates a tubular hand-grip 24. The latter may be of rubber or some desirable durable and splinterless material. Similar washers 26 and 28 are provided on the shaft at its point of junctural connection with the hand crank and these are spaced apart to provide a convenient and practical place for the second hand-grip 30 which latter hand-grip is also freely rotatable, except when held in the hand when it becomes relatively stationary. These hand-grips 24 and 30 are actually bearings to be held in the hands of the user in the manner illustrated in Figure 1. The primary impetus and motion is applied by turning the crank in a circular path in an obvious manner while holding the hand-grip 30 and permitting the shaft to rotate freely in the hand-grip 30.

Briefly reviewed the invention has to do with a novel rod having a lengthy portion providing the shaft 4 and having its opposite end bent to form a hand crank, the hand crank having sleeve-like combination bearing and grip mounted on the terminal 18 and the shaft having spaced washers confining and accommodating the second sleeve-like combination hand-grip and bearing. The construction will be clear from the drawings and the mode of operation and use is effectively depicted, it is believed, in Figure 1.

From the foregoing, the construction and operation of the device will be readily understood and further explanation is believed to be unnecessary. However, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction shown and described, and accordingly all suitable modifications and equivalents may be resorted to, falling within the scope of the appended claim.

What is claimed as new is:

A trundle-type toy comprising a rigid linearly straight elongate shaft, a single wheel comprising a rim, a hub and spokes connecting the rim and hub, said hub being fixedly secured to the remote outer end of said shaft, the opposite end of the shaft having first and second lateral bends defining a hand crank, said second bend defining the turnable portion of the hand crank and being provided with spaced rigidly attached shoulders, a bearing sleeve surrounding said turnable portion and situated and confined between said shoulders and providing a freely rotatable first hand-grip, additional longitudinally spaced shoulders on the portion of the shaft in close proximity to said first bend, and a second sleeve freely rotatable on said shaft and confined between said last named shoulders and providing a combined bearing and hand-grip.

References Cited in the file of this patent

FOREIGN PATENTS

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