

Aug. 6, 1963

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3,100,120

WAGON HANDLE

Filed April 21, 1961

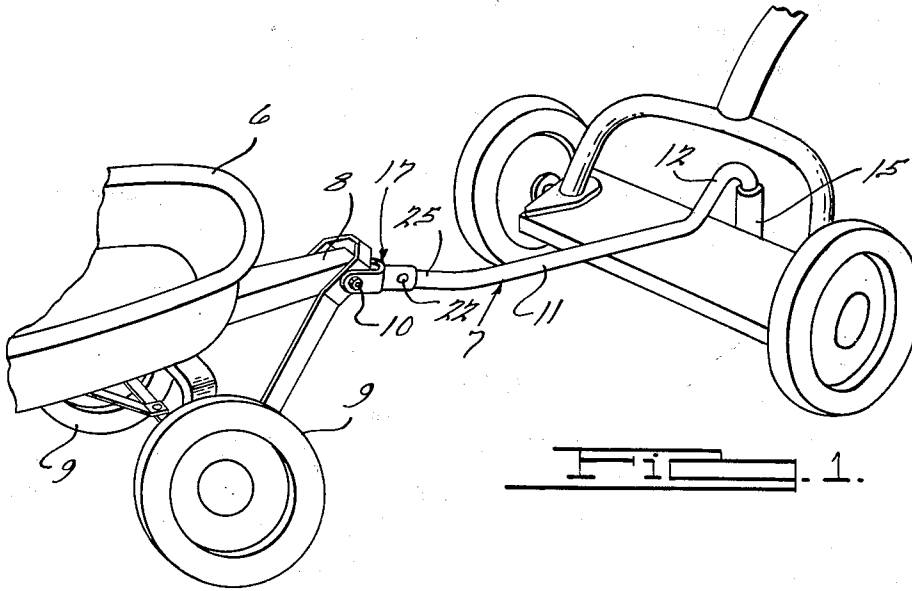


FIG. 1.

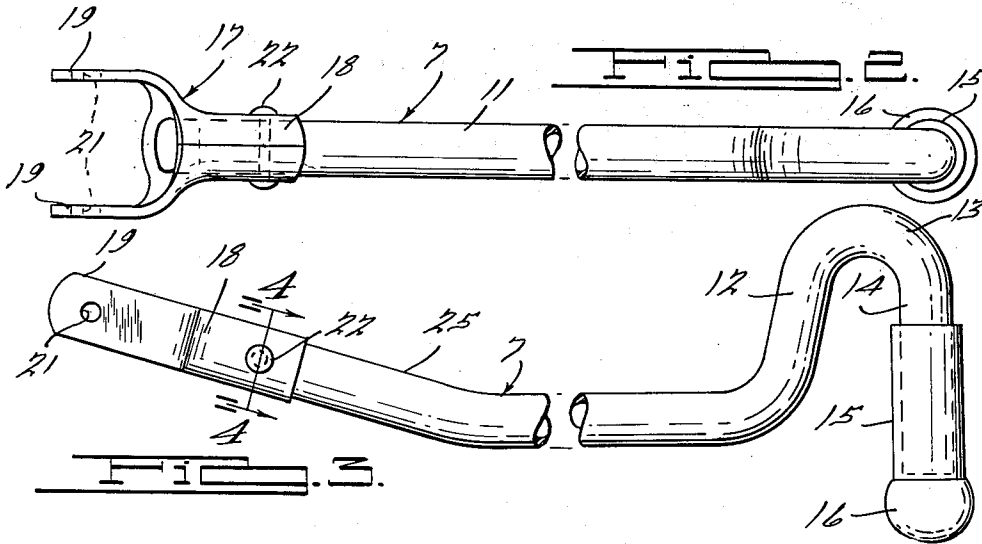


FIG. 2.

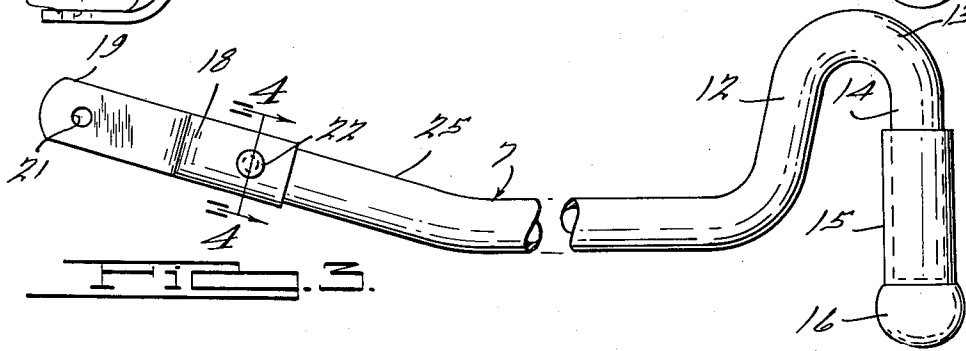


FIG. 3.

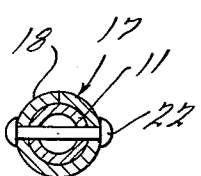


FIG. 4.

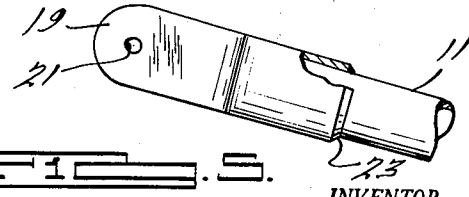


FIG. 5.

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WAGON HANDLE

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Filed Apr. 21, 1961, Ser. No. 104,550

4 Claims. (Cl. 280—87.01)

This invention relates to wagon handles, and particularly to a handle for a child's wagon having a vertically disposed handgrip.

Heretofore in the art, the handles for children's wagons were of a type having a bail disposed horizontally which is gripped by the hand of the child pulling the wagon. In the present arrangement, the handle portion is of tubular section which is bent upwardly and then reversely bent to have a downwardly extending portion on which a rubber grip is secured. The rubber portion extends below the body of the handle so that it may drop into an aperture or hook over a bar or platform on another vehicle, such as a velocipede, to be drawn thereby. The rubber grip preferably has a heavy end to act as a bumper when the handle is dropped so that the fall will be cushioned thereby.

Accordingly, the main objects of the invention are: to form the tubular body of a handle having a downwardly presented U-shaped end containing a handgrip; to form the end of a tubular body portion of a handle for a toy wagon upwardly in a vertical plane and then downwardly to provide an end portion which extends below the body of the handle and having a handgrip with a heavy end to form a bumper; to provide a handle for a toy wagon having the grip thereon extending in a vertical plane with a bumper on the end thereof, and, in general, to provide a handle for a toy wagon which is simple in construction, rugged, and economical of manufacture.

Other objects and features of novelty of the invention will be specifically pointed out or will become apparent when referring, for a better understanding of the invention, to the following description taken in conjunction with the accompanying drawing, wherein:

FIGURE 1 is a perspective view of the front end of a toy wagon having a handle of the present invention thereon engaging the rear end of a tricycle in position to be drawn thereby;

FIG. 2 is a plan view of the handle illustrated in FIG. 1;

FIG. 3 is a side view of the handle illustrated in FIG. 2;

FIG. 4 is a sectional view of the structure illustrated in FIG. 3, taken on the line 4—4 thereof, and

FIG. 5 is a broken view of the forked end of the handle illustrated in FIG. 3.

A toy wagon 6 has a handle 7 secured to the steering portion 8 of the front wheels 9 by a bolt 10. The body 11 of the handle 7 is of tubular form having the forward portion bent upwardly at 12 and reversely bent at 13 to provide a downwardly extending end portion 14. The portions 12, 13 and 14 form a downwardly presenting U-shaped end portion in the vertical plane of the handle, the end of which extends below the body portion thereof. A handgrip 15 of rubberlike material is slipped over the end portion 14, having a heavy end 16 which forms a bumper which strikes the ground when the handle is dropped.

A stamping 17 is formed from a sheet of metal to have a tubular section 18 and a forked end having spaced fingers 19 containing apertures 21 through which the bolt 11 extends. In FIG. 12 the stamping 17 is illus-

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trated as being secured to the tubular body portion 11 through the insertion of the end therein where it is secured by a rivet 22. Other means may be employed for securing the stamping to the end of the tubular body 11, such as illustrated in FIG. 5, where the stamping is secured in position by a weld 23. The tubular body 11 may be bent upwardly at 25 adjacent to the stamping 17 an amount which will be substantially horizontal when the handle is lifted to a position in which the wagon is normally pulled. In the arrangement herein illustrated, the fingers 19 on the stamping 17 are disposed in a horizontal plane while the downwardly presenting U-shaped opposite end is disposed in a vertical plane 90° from the plane through the fingers 19.

What is claimed is:

1. The combination with a wagon having steerable front wheels and a projecting steering mechanism therefor having an aperture, of a handle having a bifurcated end portion containing apertures aligned with the aperture in the steering mechanism, and a bolt for securing said bifurcated end portion to said mechanism for vertical pivotal movement thereon, said handle having a tubular body portion the pulling end of which is of downwardly presenting substantially U-shape located in a plane normal to a plane through the axis of the bolt to form a handgrip which is spaced from but in position to be intersected substantially medially of its ends by an extension of the end of the body portion.

2. The combination with a wagon having a steering mechanism containing an aperture therethrough, of a handle for drawing said wagon made from a tubular element one end of which has aperture means, a bolt extending through said aperture means and said steering mechanism, and a downwardly presenting U-shaped portion on the opposite end of said tubular element with the outermost section disposed substantially normal to the end of the element and the axis of the bolt to form a handgrip which is intercepted by said tubular element substantially medially of its ends.

3. A handle for a wagon, said handle having a tubular body portion of substantial length, a pair of spaced fingers on one end of the body portion disposed in a horizontal plane when attached by pivot means to the steering mechanism of the front wheels of a wagon, and a downwardly presenting U-shaped portion at the other end of the body portion having a straight end section disposed substantially normal to the axis of said pivot means in position to be intersected by the axis of said body portion.

4. A handle for a wagon, said handle having a tubular body portion of substantial length, a pair of spaced fingers on one end of the body portion disposed in a horizontal plane when attached by pivot means to the steering mechanism of the front wheel of a wagon, a downwardly presenting U-shaped portion at the other end of the body portion having a straight end section forming a handle disposed substantially normal to the axis of said pivot means in position to be intersected by the axis of said body portion, and a bumper plug on the end of the handle having a large end which locks the handle to a platform when the body portion rests thereon and the large end of the bumper plug extends thereover.

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