

No. 886,507.

PATENTED MAY 5, 1908.

C. H. HOOD.
MECHANICAL DOLL CARRIAGE.
APPLICATION FILED AUG. 7, 1907.

Fig. 1.

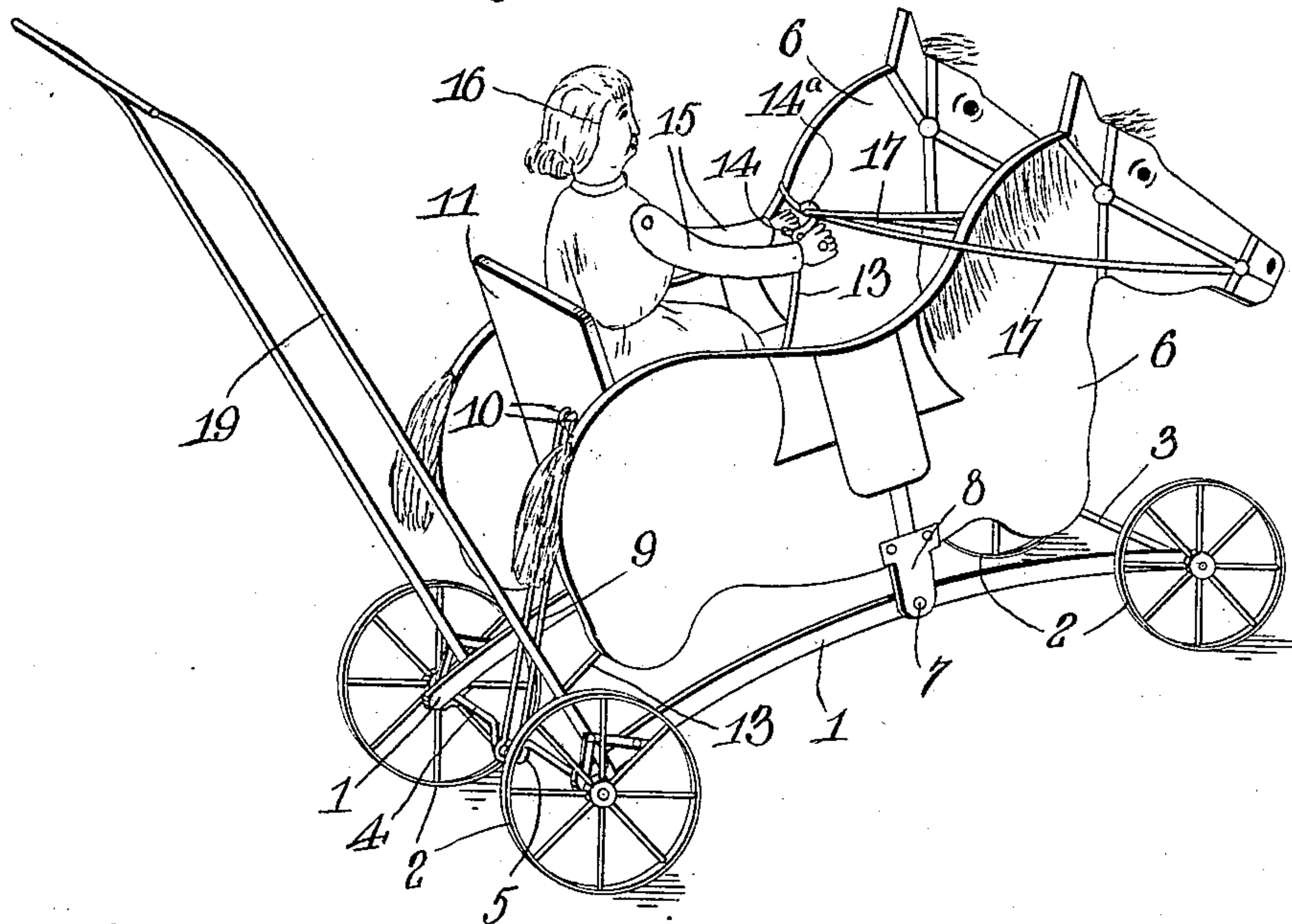
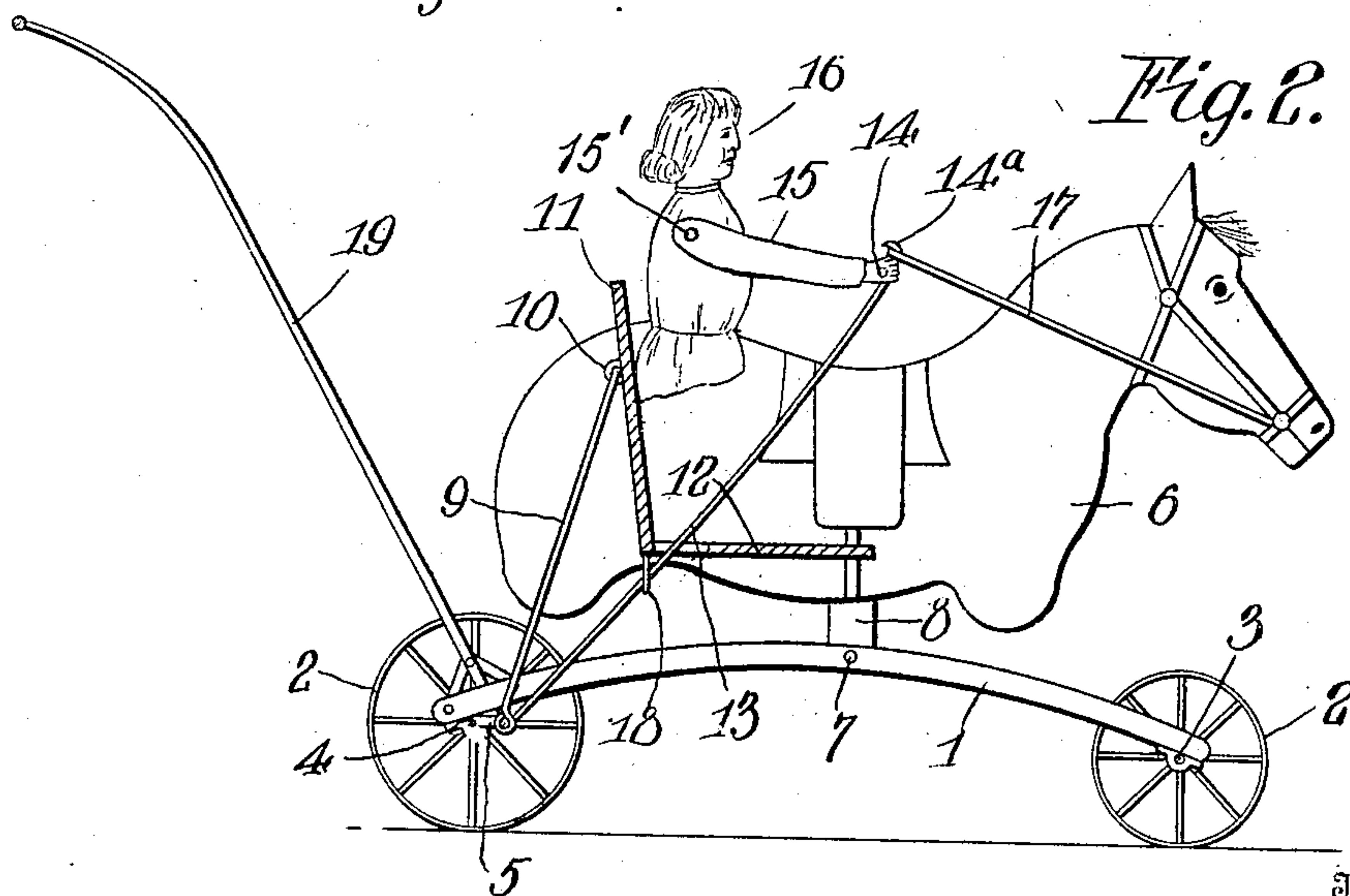


Fig. 2.



Inventor

C. H. Hood,

Witnesses

C. E. Smith,
M. E. Kelly.

By

Deeler & Robb

Attorneys

UNITED STATES PATENT OFFICE.

CHARLES H. HOOD, OF CAMBRIDGE, MASSACHUSETTS, ASSIGNOR TO HOOD MANUFACTURING COMPANY, OF BOSTON, MASSACHUSETTS, A CORPORATION OF MASSACHUSETTS.

MECHANICAL-DOLL CARRIAGE.

No. 886,507.

Specification of Letters Patent.

Patented May 5, 1908.

Application filed August 7, 1907. Serial No. 387,492.

To all whom it may concern:

Be it known that I, CHARLES H. HOOD, a citizen of the United States, residing at Cambridge, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Mechanical-Doll Carriages, of which the following is a specification.

This invention relates to toys for the amusement of children.

The object of the invention is to provide a novel amusement device in the form of a carriage or truck upon which is mounted a rocking body adapted to support a doll or suitable puppet and both the figure or puppet and the body being adapted for movement as the carriage or truck, which is mounted on wheels, is moved.

For a full understanding of the invention, the merits thereof, and the various details of construction, reference is to be had to the following description and the accompanying drawings, in which

Figure 1 is a perspective view showing the embodiment of the invention. Fig. 2 is a vertical longitudinal sectional view.

Corresponding and like parts are referred to in all the views of the drawings and indicated by the same reference characters.

Specifically describing the invention, the same comprises a truck composed of spaced longitudinal runners 1 mounted on the wheels 2 and directly attached to a front axle 3 and a rear axle 4, the latter provided with an intermediate crank 5. The runners 1 are of a suitable length to support the body 6 of the toy, the latter being composed of spaced sides suitably secured together in a substantial manner, said sides being preferably of wood, or the like, and so formed as to present the outline of the body of a horse or other animal. Each of the sides of the body 6 will also be painted so that they more fully present the likeness of some animal and the body as a whole is adapted to rock back and forth upon the runners 1. To admit of the above mentioned movement of the body 6 of the toy, each side thereof is pivotally connected at its lower portion as shown at 7, to the adjacent runner 1, the pivots being located just about at a central point in the length of said runners. Plates 8 are attached to the sides 6 and the pivotal connections 7 connect said plates with the runners, the sides 6 being in substantially the same ver-

tical plane as the runners and being very firmly connected thereto.

The body 6 is operated, or its rocking movement is effected, by the provision of a crank rod or member 9, which is of U-form preferably and the sides of which are connected at the lower ends thereof with the crank 5 of the axle 4. The upper end of the rod or member 9 is pivotally connected at 10 with the back 11 of the body 6, said back being arranged between the sides of said body and secured to the same. A seat is also provided between the sides of the body 6, and the figure or puppet which will be carried by the toy and which may comprise a doll, or the like, is adapted to rest upon the seat 12. The lower edge of the back 11 of the body is spaced from the seat 12 and passing through the space is a pitman rod 13, the lower end of which is connected with the crank 5 at a point between the points of connection of the member 9 therewith, the upper end of the pitman member being formed with a cross piece 14 connected with the arms 15 of the figure which is indicated at 16. The cross piece 14 may be attached to the arms 15 of the figure 16 in any suitable way and a flexible member 17 is provided, with its ends connected with the front extremities of the body 6 and with its intermediate portion adapted to be connected with the cross piece 14. For connecting the flexible members 17 with the cross piece 14 the latter may be formed with a hook 14^a over which the intermediate portion of the flexible member 17 may be engaged. The flexible member 17 has the appearance of reins connecting the hands of the figure 16 with the heads of the horses or other animals which are represented by the sides of the body 6.

In order to cause the pitman member 13 to move properly and in the desired direction, a guide member 18 is provided, the same being attached to the lower edge of the back 11 of the body 6 and the member 13 passing or being movable therethrough.

The toy is designed as a substitute for the doll carriage which is very commonly used by little girls and is adapted to be wheeled along by grasping the handle 19 and pushing the device in an obvious manner.

As the toy is moved the crank 5 of the axle 4 actuates the members 9 and 13 and imparts a rocking movement to the body 6 of the toy, at the same time actuating the arms 15 of the

figure 16 and moving the arms upwardly and downwardly, the arms being pivoted at 15'. As the arms 15 move upwardly and downwardly the reins or flexible member 17 will
 5 be actuated and the figure will have the appearance of urging the horses represented by the body 6 forward. The sides of the body 6 are connected by the seat 12 and back 11, which are attached thereto by suitable fastening means not shown.
 10

It will be understood that the doll or figure 16 may be of any suitable character, it being only requisite for the purposes of the present invention that the same be located substantially as illustrated and be provided with
 15 pivoted arms.

Having thus described the invention, what is claimed as new is:—

1. In a toy of the class described, the combination of a truck, mounted on wheels, and
 20 having a crank axle, a body mounted for rocking movement on the truck, a member connecting the crank of the crank axle with the body whereby the latter is actuated
 25 when the truck is moved; a figure arranged on the body of the truck and comprising movable arms, a pitman member connecting the arms with the crank aforesaid whereby said arms are moved simultaneously with
 30 the body, and a flexible member connected with the front portion of the body and attached to the arms of the figure for the purpose specified.

2. In a toy of the class described, the combination of a truck, a crank axle mounted
 35 thereon, a handle for moving the truck,

wheels supporting the truck, a body mounted for rocking movement on the truck, a member connecting the body with the crank of the axle whereby the latter is moved
 40 when the truck is moved, the body consisting of a back, a seat, and sides, the back and seat being spaced apart, a pitman member connected at its lower end with the crank
 45 aforesaid and passing through the space between the seat and back of the body, a figure mounted on the body and having movable arms connected with the upper portion of the pitman member, and a flexible member
 50 connected with the front portion of the sides of the body and attached to the upper end of the pitman member for movement in the manner described.

3. In a figure toy, the combination of a truck, a body mounted thereon for rocking
 55 movement, axles at the front and rear ends of the truck, the rear axle having a crank, a member connecting the body with the crank whereby the body is actuated on movement of the truck, the body aforesaid including a
 60 spaced seat and back, a pitman member connected at one end to the crank and passing between the seat and back, and a flexible member attached to the front portion of the body and connected with the upper end of
 65 the pitman member.

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

CHARLES H. HOOD.

Witnesses:

MAURICE J. KEANE,
 PETER J. NELLIGAN.