No. 731,197. PATENTED JUNE 16, 1903.

W. A. MARQUA.

BABY JUMPER.

APPLICATION FILED APR. 20, 1903.

NO MODEL.

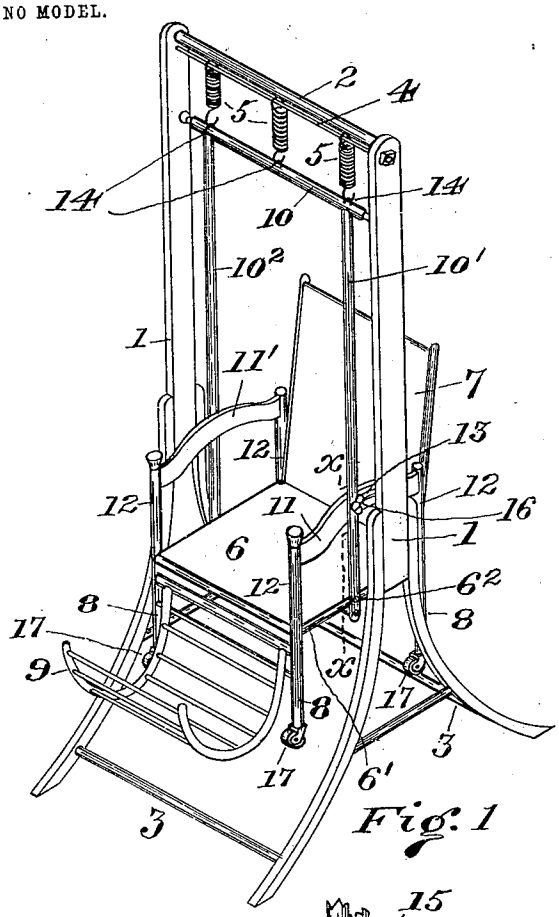


Fig. 1

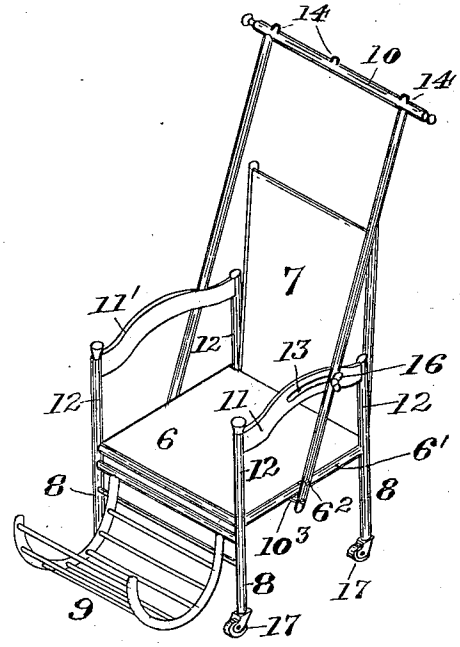


Fig. 2.

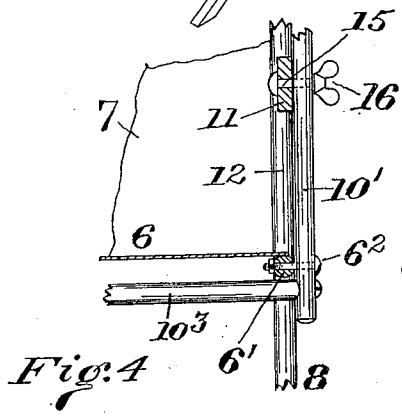


Fig. 4

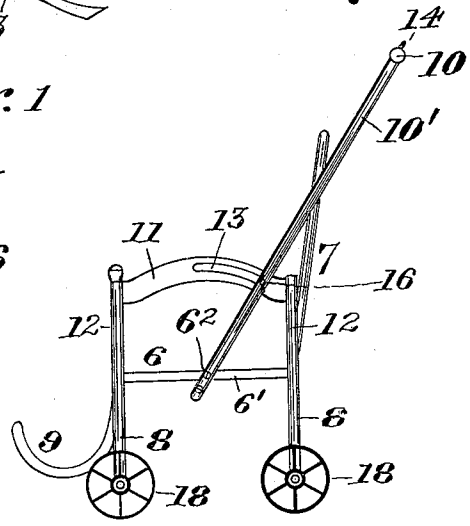


Fig. 3.

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No. 731,197. Patented June 16, 1903.

UNITED STATES PATENT OFFICE.

WILLIAM A. MARQUA, OF CINCINNATI, OHIO.

BABY-JUMPER.

SPECIFICATION forming part of Letters Patent No. 731,197, dated June 16, 1903.

Application filed April 20, 1903. Serial No. 153,509. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. MARQUA, a citizen of the United States of America, and a resident of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Baby-Jumpers, of which the following is a specification.

This invention relates to baby-jumpers suspended by means of springs in a frame and adapted to be used separate from the frame; and it consists in certain novel features of construction, arrangement, and combination of parts whereby an elastic spring-supported baby-jumper is provided with wheels or rollers and an adjustable handle, rendering it portable and convenient for use as a house-wagon or as a go-cart when detached from its ordinary position in a supporting-frame.

The novel features of my invention will be fully set out in the following description and particularly pointed out in the claims.

In the accompanying drawings, which serve to illustrate my invention, Figure 1 is a perspective view showing my improvements in use as a baby-jumper, the same being spring-supported in my preferred form of frame; Fig. 2, a perspective view of the baby-jumper with the supporting-frame omitted and showing the device mounted on swivel-casters and with the handle thrown or inclined rearward for enabling use as a go-cart or as a house-wagon; Fig. 3, a side elevation of Fig. 2, but showing ordinary spoke-wheels instead of the casters seen in said Fig. 2; and Fig. 4, a broken transverse sectional elevation taken on the dotted line $x\ x$ of Fig. 1 to show the manner of pivoting and adjustably locking the handle to the seat.

As shown in the views, the supporting-frame preferred by me comprises a pair of uprights 1 1 of inverted-Y form and cross-bars 2 and 3 3, connecting the upper and lower ends, respectively, of said uprights. A stay-rod or horizontal bolt 4 is provided at the upper portion of the frame located just beneath the cross-bar 2 for properly bracing and strengthening the device, and a series of vertical spiral springs 5 5 5 are suspended from the stay-bolt at relatively equal distances apart. A baby-jumper is shown in Fig. 1 suspended from said vertical springs 5 in the frame and is comprised of a seat 6, a back 7, supporting-legs 8, dash or foot-rest 9, and a handle or operating suspension-bar 10, the latter having a pair of pendent side bars $10'\ 10^2$ and a lower cross-bar 10^3 located beneath the seat and provided for strength, and the seat having the usual side rests 11 11'.

12 represents each of four posts, which are upward extensions of the legs 8. The side rests 11 11' are supported by the posts 12. The seat is composed of a bottom having side frame-bars 6', upon which it is secured. The lower ends of the pendent handle-bars are pivoted to the side seat-bars 6' by means of bolts $6^2\ 6^2$. The horizontal handle-bar 10 has a series or row of staples or screw-eyes 14 14 14, which engage the lower open-hooked ends of the corresponding series of vertical springs 5 5 5 for suspending the baby-jumper in the frame for the usual swinging, jumping, and other desirable movements. When the jumper is in position in the frame, as seen in Fig. 1, the pendent side bars $10'\ 10^2$ of the handle are perpendicular; but when it is desired to use it as a go-cart or as a house-wagon the springs are readily separated or disengaged from the staples or screw-eyes 14, thereby releasing it from the supporting-frame.

A slot 13 is cut in the side rest or arm 11, and a horizontal bolt 15 is mounted on the handle-bar 10' for use in sliding engagement with said slot, a thumb-screw 16 being used for securing the handle in either a perpendicular or an inclined slanting position, the latter position being shown in Figs. 2 and 3, and adapting the jumper then to be used as a go-cart or as a house-wagon, casters 17 (seen in Figs. 1 and 2) or spoke-wheels 18 (seen in Fig. 3) being used on the supporting-legs 8 to enable the device to be conveniently propelled or pushed about on the pavement or on the floor. The slot 13 and bolt 15 features could, if desired, be duplicated in the other arm-rest 11' and handle side bar 10^2, respectively, but would be necessary only when a heavy occupant and greater strength of the device are to be considered.

I do not wish to be understood as limiting myself to the precise form of supporting-frame shown and described herein, but prefer its construction (as hereinbefore referred to) for strength, economy, and symmetry.

Having thus described my invention, I claim—

1. A combined baby-jumper and house-wagon or go-cart, comprising a supporting-frame having upright sides and a connecting cross-bar, a seat or chair mounted on casters or wheels and having side rests, pendent suspension-bars and a transverse handle mounted on said suspension-bars, means on said cross-bar of the frame and on said handle for mutual, detachable engagement to suspend the seat within the frame, pivot-bolts for the handle, a bolt engaging one of the suspension handle-bars and a slot in the adjacent side rest, and a thumb-screw on the bolt for adjustably locking the pivotal handle in the desired position on the seat for its use as a baby-jumper or as a go-cart, when it is in place in the frame or detached therefrom, respectively, substantially as set forth.

2. In a baby-jumping device, a chair or seat mounted on rollers, side arm-rests, a horizontal cross-bar or handle having pendent side bars each pivotally connected at its lower end to the seat, and means for adjustably clamping said side bars of the handle to the arm-rests whereby the handle may be set or arranged with its side bars perpendicular for suspension in a suitable supporting-frame and the device used as a baby-jumper, and said handle also set with its side bars in a slanting position and the device used as a go-cart apart from said supporting-frame, substantially as set forth.

Signed at Cincinnati, Ohio, this 14th day of April, 1903.

WILLIAM A. MARQUA.

Witnesses:
JOHN ELIAS JONES,
WILLIAM SCHUCHARDT.