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REVERSIBLE HANDLE FOR BABY CARRIAGE

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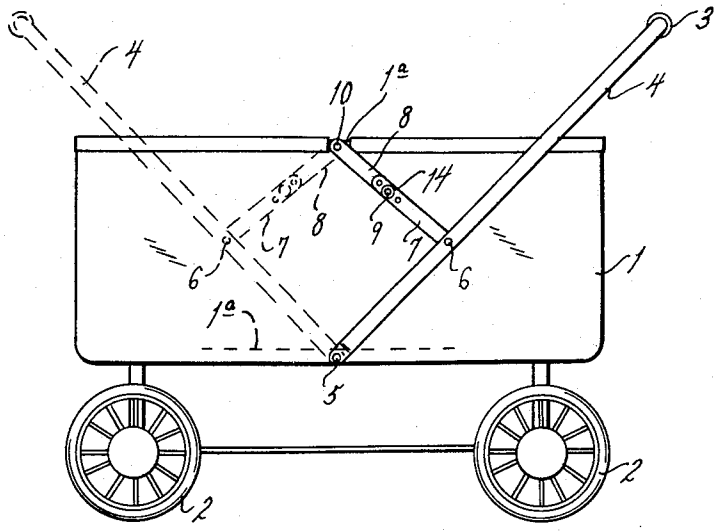


FIG. 1.

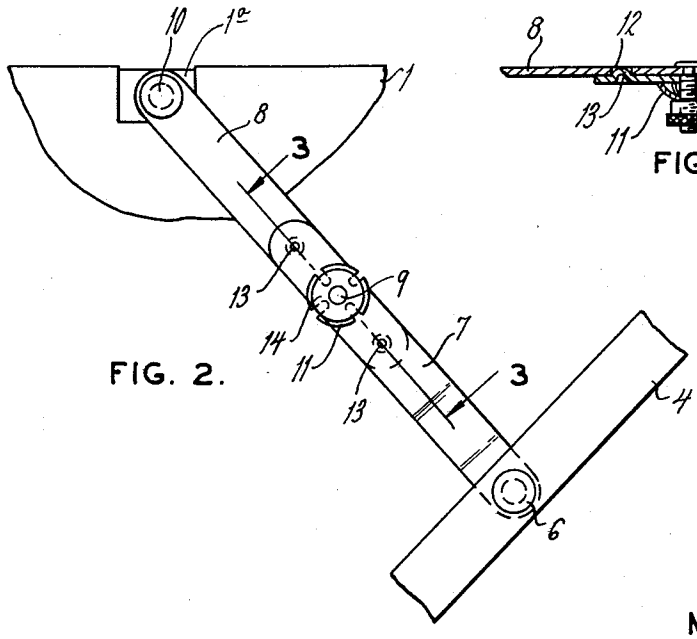


FIG. 2.

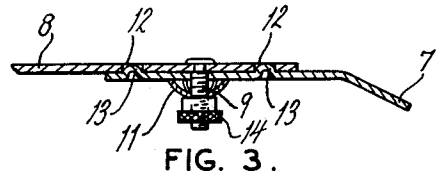


FIG. 3.

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REVERSIBLE HANDLE FOR BABY CARRIAGE

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1 Claim. (Cl. 280—47.36)

This invention pertains to a reversible handle for a baby carriage. Many of such carriages are arranged so that they may be propelled in either direction and it is often convenient to be able to reverse the handle rather than to turn the vehicle around.

In accordance with this invention, generally stated, the handle is carried by a pair of handle-bars extending over the sides of the vehicle body and pivoted to the frame of the carriage near the middle of the bottom of the body. A toggle brace consisting of a pair of pivoted members, is pivoted at one end to the handle-bar at a point spaced from the lower pivot of the latter. The other end of the toggle brace is pivoted to the upper portion of the body frame preferably at a point directly above the handle-bar pivot. This toggle brace has a spring latch arrangement to retain it in extended position so that it may act as a strut to brace the handle-bar. However, when the toggle is broken, the handle-bar may be swung over to the other end of the body, the toggle brace pivoting meanwhile at all three of its pivots and being extended again to its aligned position when the handle has been moved to its new position at the other end of the body.

A preferred embodiment of the invention is illustrated in the accompanying drawings, in which—

Fig. 1 is a side view of a baby carriage having a reversible handle embodying this invention;

Fig. 2 is an enlarged view of the toggle brace and its end connections; and

Fig. 3 is a section on line 3—3, Fig. 2.

As shown in the drawing, the vehicle comprises a body 1 having a suitable frame 1*a*, and supported on wheels 2. The handle 3 is supported on a pair of handle-bars 4, only one of which is visible in the drawing.

The lower end of the handle-bar 4 is pivoted at 5 to the lower portion of the frame of the body 1 near its middle point, as shown in Fig. 1. Pivoted to said handle-bar at 6 is a toggle brace consisting of a lower member 7 and an upper member 8 pivoted to each other at 9. The upper end of the member 8 is pivoted at 10 to the upper portion of the body frame.

A spring washer 11 is mounted on the pivot pin 9 between its head and the member 7 and acts to keep the two members 7 and 8 pressed against each other. One of these members, as 8, is provided with perforations 12 adapted to receive projections or nibs 13 on the other member 7. These are positioned so that the projections engage the perforations only when the members 7 and 8 are aligned with each other as shown in Fig. 2.

When the parts are in the position shown in Fig. 1 with the handle 3 at the right end of the vehicle, the handle-bar 4 is rigidly held in the position shown so that the vehicle may be propelled by pushing on the handle 3. When it is desired to reverse the handle, the toggle is broken at the pivot 9, the projections 13 being forced out of the perforations 12. This permits the handle-bar 4 to be moved on its pivot 5 toward the pivot 10. The member 7 may be offset, as shown in Fig. 3, so that during such movement the pivot pin 9 may pass inside of the handle-bar 4. When said handle-bar has been moved to its limiting position at the other end of the vehicle, as indicated by dotted lines in Fig. 1, the toggle is again straightened out so that the members 7 and 8 are aligned and the projections 13 again engage the perforations 12 to hold this member rigid.

It will be seen, therefore, that the invention provides a simple structure whereby the handle may be quickly and easily moved from one end to the other of the vehicle and the toggle brace serves to provide a rigid bracing member therefor in either position. The pivot pin 9 may be threaded and provided with a thumb nut 14 whereby the tension of the spring 11 may be adjusted.

Various changes may be made in the details of construction, within the scope of the appended claim, without departing from the spirit of this invention. Parts of the invention may be used without the whole and improvements may be added while retaining some or all of the advantages of the invention.

I claim:

A reversible handle for a baby carriage having a body, comprising, a handle-bar, a pair of toggle members pivoted to each other, one end of said pair being pivoted to said bar on a fixed pivot at a point spaced from its lower end, the lower end of said bar being pivoted to said body near the bottom thereof and the other end of said pair being pivoted to said body near the top thereof, a recess in one of said members, a nib on the other of said members fitting into said recess when said members are in alignment with each other, a spring on the pivot of said members releasable maintaining said nib in said recess, and a manipulatable screw for adjusting the tension of said spring.

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