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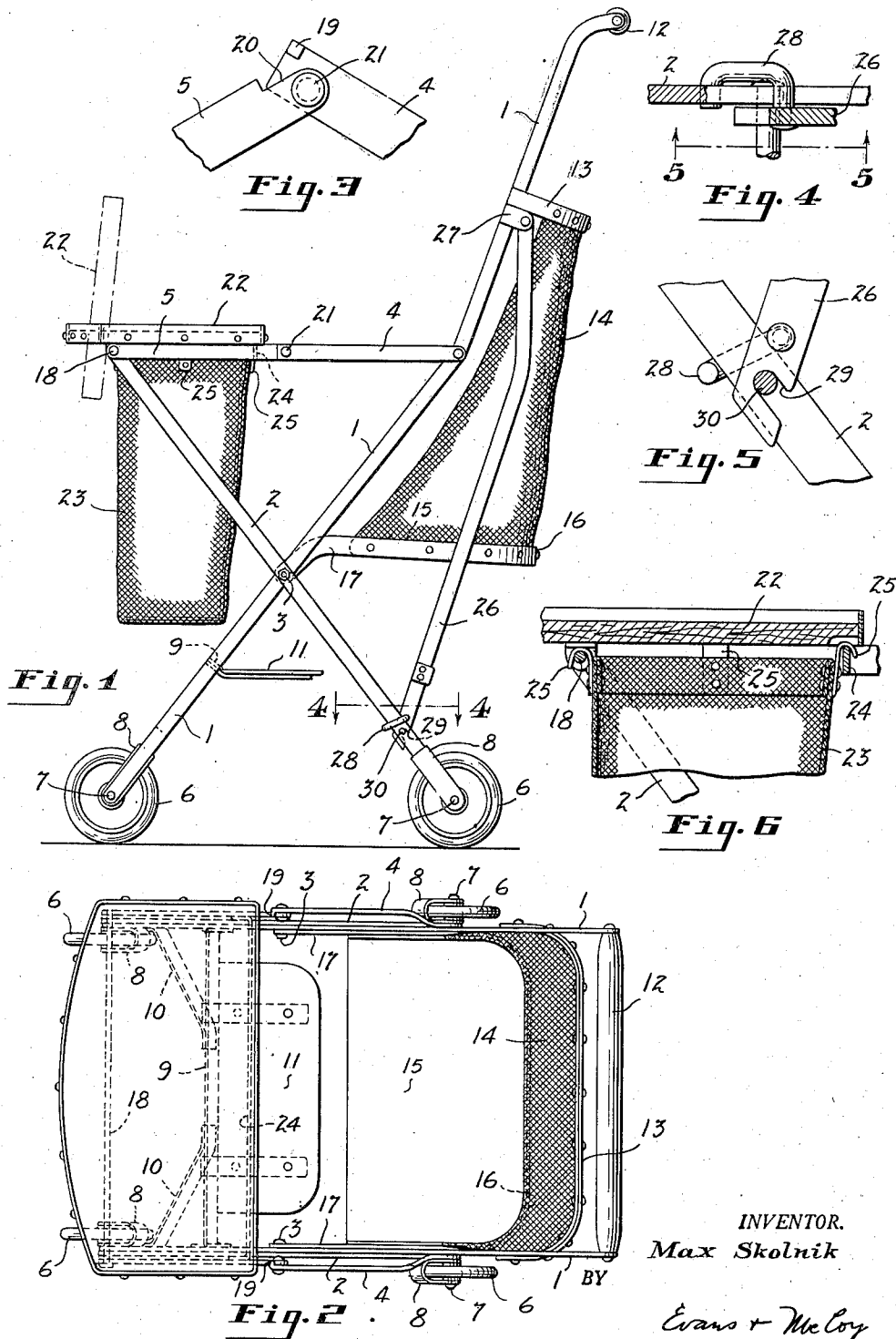
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2,438,829

WHEELED CARRIAGE

Filed May 21, 1945

2 Sheets-Sheet 1



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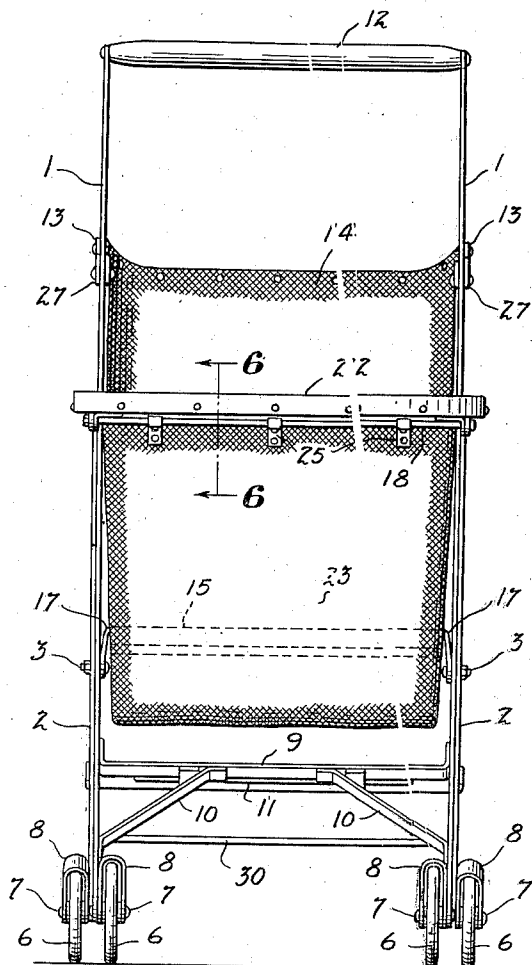


Fig. 7

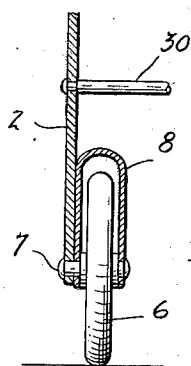


Fig. 9

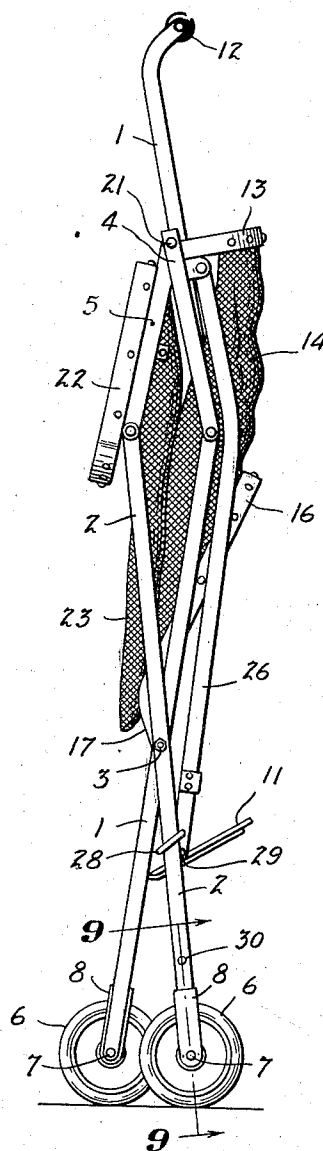


Fig. 8

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WHEELED CARRIAGE

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14 Claims. (Cl. 280—41)

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This invention relates to wheeled carriages of the chair or stroller type and particularly to a foldable carriage of the type referred to, suitable for a small child.

One object of the invention is to provide a carriage of the chair or stroller type with a receptacle for packages that is of substantial capacity and so disposed with respect to the seat that it does not inconvenience the occupant of the carriage.

A further object of the invention is to provide a carriage of the type referred to with a table supported above the seat and at a convenient distance in front of the seat.

An additional object is to provide a foldable carriage of light weight and ample strength which serves as a wheeled baby chair or stroller and also as a package carrier.

With the above and other objects in view, the invention may be said to comprise the carriage as illustrated in the accompanying drawings, hereinafter described and particularly set forth in the appended claims, together with such variations and modifications thereof as will be apparent to one skilled in the art to which the invention pertains.

Reference should be had to the accompanying drawings forming a part of this specification, in which:

Fig. 1 is a side elevation of the carriage embodying the invention;

Fig. 2 is a top plan view of the carriage;

Fig. 3 is a detail view showing the joint of the toggle that serves to hold the pivotally connected frame members in operative position;

Fig. 4 is a section taken on the line indicated at 4—4 in Fig. 1 on a somewhat enlarged scale;

Fig. 5 is a side elevation of the sliding pivotal connection shown in Fig. 4;

Fig. 6 is a fragmentary section through the upper portion of the package receptacle, taken on the line indicated at 6—6 in Fig. 7;

Fig. 7 is a front elevation of the carriage;

Fig. 8 is a side elevation of the carriage collapsed; and

Fig. 9 is a section taken on the line indicated at 9—9 in Fig. 8.

The carriage of the present invention has a main frame provided with parallel side bars 1 and an auxiliary frame provided with parallel side bars 2; the two frames being pivotally connected by means of aligned horizontal pivots 3 connecting the side bars 1 and 2 at each side of the carriage. The carriage is collapsed by folding the main and auxiliary frames about the pivots 3

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and the frames are held in operative position by means of parallel toggle links 4 and 5 that connect the side bars 1 with the upper ends of the side bars 2.

Each of the bars 1 and 2 carries a wheel 6 at its lower end, each wheel 6 being mounted upon an axle 7 journaled in a U-shaped bracket 8, the brackets 8 being attached to the bars 1 and 2 at their lower ends. A cross bar 9 connects the side bars 1 of the main frame below the pivots 3, the bar 9 being reinforced by angularly disposed braces 10 attached to the bars 1 below the cross bar 9 and to the under side of the cross bar. The cross bar 9 provides a support for a rearwardly projecting foot rest 11 that is rigidly attached thereto. A cross bar 12 forms a handle joining the upper ends of the bars 1 of the main frame and between the handle 12 and the connection of the link 4 to the bars 1 a rearwardly bowed cross bar 13 is attached to the side bars 1. The upper edge of a fabric back 14 is attached to the cross bar 13 and a seat 15 is attached to the lower edge of the back 14, the lower edge of the back 14 being attached to the edge of the seat 15. A metal strap 16 extends around the sides and rear of the seat 15 and has forwardly and downwardly projecting ends 17 that are pivotally supported on the pivot pins 3.

A cross rod 18 connects the upper ends of the side bars 2 and provides a pivot for the toggle links 5. The joint of the toggle formed by the links 4 and 5 is provided with means for limiting the downward movement of the links so that the only movement of the toggle is from the horizontal position shown in Fig. 1 upwardly to the collapsed position shown in Fig. 8. As shown in Fig. 3, the link 4 carries a lug 19 at its forward end which engages in a recess 20 formed in the upper edge of the link 5 adjacent to and forwardly of the toggle pivot 21. The lug 19 prevents movement of the links downwardly past the horizontal position and serves to retain the toggle in the position shown in Fig. 1.

A table 22 may be pivotally mounted upon the cross rod 18 to swing from the vertical position shown in dotted lines in Fig. 1, to a position resting upon the toggle links 5 as shown in full lines in Fig. 1. The forwardly projecting toggles serve not only as a table support, but also as a support for a suitable shopping bag or receptacle 23 that is suspended from the links 4 and 5. Adjacent their inner ends the links 5 are connected by a cross bar 24 and the receptacle 23 has its open top disposed in the rectangular space between the side links 5 and the cross members 18

and 24, the receptacle having hooks 25 attached to its upper edge which engage the links 5, the cross rod 18 and the cross bar 24. The pivoted table 22 provides a lid for the receptacle 23 that can be easily lifted to afford access to the receptacle.

Braces 26 are pivoted at their upper ends to plates 27 attached to the side bars 1 of the main frame, and the lower ends of these braces are slidably and pivotally connected to the frame bars 2 below the pivots 3. Each of the braces 26 has a hook member 28 pivotally connected thereto and slidably engaging the adjacent bar 2, and adjacent its lower end each brace 26 has a slot 29 that receives a cross rod 30 that connects the bars 2 adjacent their lower ends, the cross rod 30 serving to limit a downward movement of the braces 26, the braces 26 being engaged with the rod 30 when the carriage is in the operative position shown in Fig. 1.

It will be apparent that the present invention provides a carriage of the chair or stroller type that is of very light weight but of strong construction and that provides a convenient package carrier as well as an infant's carriage.

It is to be understood that variations and modifications of the specific devices herein shown and described for purposes of illustration, may be made without departing from the spirit of the invention.

What I claim is:

1. A wheeled carriage having frame members at the sides thereof, a seat mounted between said frame members, a foot rest forwardly of and below the seat, forwardly extending members carried by said frame members above the seat, a receptacle suspended from said forwardly extending members forwardly of said seat, and a table supported upon said forwardly extending members and covering the top of said receptacle.

2. A wheeled carriage having frame members at the sides thereof, a seat mounted between said frame members, a foot rest forwardly of and below the seat, forwardly extending members carried by said frame members above the seat, spaced cross members connecting said forwardly extending members forwardly of said seat, an open top receptacle suspended from said forwardly extending and cross members, and a table supported upon said forwardly extending members and covering the top of said receptacle.

3. A wheeled carriage having frame members at the sides thereof, a seat mounted between said frame members, a foot rest forwardly of and below the seat, forwardly extending members carried by said frame members above the seat, spaced cross members connecting said forwardly extending members forwardly of said seat, an open top receptacle suspended from said forwardly extending and cross members, and a table hinged to the forward cross member and forming a lid for said receptacle.

4. A wheeled carriage having frame members at the sides thereof, a seat mounted between said frame members, a foot rest forwardly of and below the seat, forwardly extending members carried by said frame members above the seat, spaced cross members connecting said forwardly extending members forwardly of said seat, an open top receptacle having hooks attached to its top edges and engageable with said forwardly extending and cross members to detachably suspend said receptacle, and a table hinged to the front cross member and forming a lid for said receptacle.

5. A carriage having frame bars at opposite sides thereof connected together in crossing relation, two of said bars being parallel and rearwardly inclined and the other two being shorter than the first and inclined forwardly, horizontal members connecting the upper ends of the forwardly inclined frame bars to the rearwardly inclined bars, a seat mounted between said rearwardly inclined bars below said horizontal connecting members, and a table supported upon said horizontal connecting members.

6. A carriage having frame bars at opposite sides thereof connected together in crossing relation, two of said bars being parallel and rearwardly inclined and the other two being shorter than the first and inclined forwardly, horizontal members connecting the upper ends of the forwardly inclined frame bars to the rearwardly inclined bars, a seat mounted between said rearwardly inclined bars below said horizontal connecting members, and a receptacle suspended from said horizontal connecting members forwardly of said seat.

7. A carriage having frame bars at opposite sides thereof connected together in crossing relation, two of said bars being parallel and rearwardly inclined and the other two being shorter than the first and inclined forwardly, horizontal members connecting the upper ends of the forwardly inclined frame bars to the rearwardly inclined bars, a seat mounted between said rearwardly inclined bars below said horizontal connecting members, a receptacle suspended from said horizontal connecting members forwardly of said seat, and a table supported on said connecting members and forming a lid for said receptacle.

8. A carriage having frame bars at opposite sides thereof connected together in crossing relation, two of said bars being parallel and rearwardly inclined and the other two being shorter than the first and inclined forwardly, horizontal members connecting the upper ends of the forwardly inclined frame bars to the rearwardly inclined bars, a seat mounted between said rearwardly inclined bars below said horizontal connecting members, a foot rest carried by the rearwardly inclined bars below the seat, a receptacle beneath said horizontal connecting members forwardly of the seat, and a table supported on said connecting members and forming a lid for said receptacle.

9. A folding carriage comprising a main frame and an auxiliary frame, each having parallel side bars and supporting wheels, aligned pivots connecting the side bars of the frames in crossing relation, toggles connecting the upper ends of the side bars of the auxiliary frame to the side bars of the main frame above said pivots, a seat supported by the main frame and projecting rearwardly therefrom, and a table supported upon said toggles above the seat and forwardly thereof.

10. A folding carriage comprising a main frame and an auxiliary frame, each having parallel side bars and supporting wheels, aligned pivots connecting the side bars of the frames in crossing relation, toggles connecting the upper ends of the side bars of the auxiliary frame to the side bars of the main frame above said pivots, a seat supported by the main frame and projecting rearwardly therefrom, a foot rest attached to the main frame below said pivots, and a table pivoted to the upper end of said auxiliary frame and adapted to rest upon said toggles.

11. A folding carriage comprising a main frame and an auxiliary frame, each having parallel side

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bars and supporting wheels, alined pivots connecting the side bars of the frames in crossing relation, toggles connecting the upper ends of the side bars of the auxiliary frame to the side bars of the main frame above said pivots, a seat supported by the main frame and projecting rearwardly therefrom, a receptacle suspended from said toggles, and a table pivoted to the upper end of said auxiliary frame and forming a lid for said receptacle.

12. A folding carriage comprising a main frame and an auxiliary frame, each having parallel side bars and supporting wheels, alined pivots connecting the side bars of the frames in crossing relation, toggles connecting the upper ends of the side bars of the auxiliary frame to the side bars of the main frame above said pivots, a seat supported by the main frame and projecting rearwardly therefrom, braces pivoted at the upper ends to the side bars of the main frame and slidably connected at their lower ends to the side bars of the auxiliary frame below said pivots, and means for limiting the downward movements of said braces on the auxiliary frame.

13. A folding carriage comprising a main frame and an auxiliary frame each having parallel side bars and supporting wheels, alined pivots connecting the side bars of the frames in crossing relation, toggles connecting the side bars of said frames above said pivots, a seat disposed rearwardly of said pivots and pivotally supported thereon, a cross bar connecting the side bars of

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the main frame above the seat, a brace pivoted to each of the main frame side bars adjacent said cross bar, said braces being slidably and pivotally connected to the auxiliary frame cross bars below said pivots, means for limiting the downward movement of said braces with respect to said auxiliary frame, and a fabric back attached at its upper end to said cross bar and at its lower end to said seat.

14. A wheeled carriage having frame members at the sides thereof, a seat mounted between said frame members, a foot rest forwardly of and below the seat, forwardly extending members carried by said frame members above the seat, spaced cross members connecting said forwardly extending members forwardly of said seat, and an open top receptacle having hooks attached to its top edges and engageable with said forwardly extending and cross members to detachably suspend said receptacle.

MAX SKOLNIK.

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