

J. SUES & S. W. RAPLEE.  
Children's Carriages.

No. 207,220.

Patented Aug. 20, 1878.

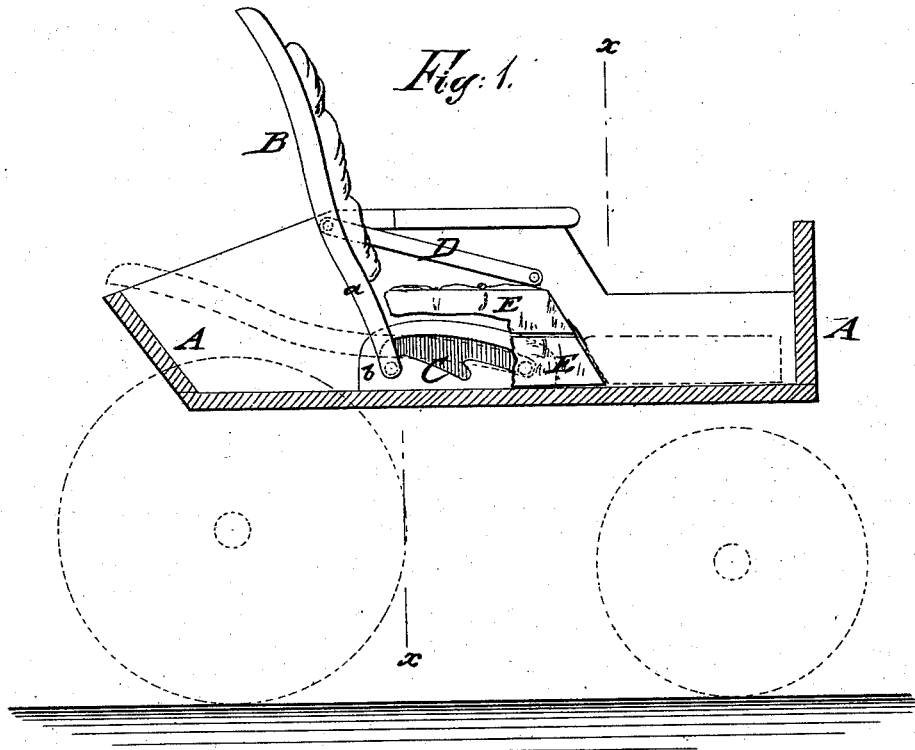
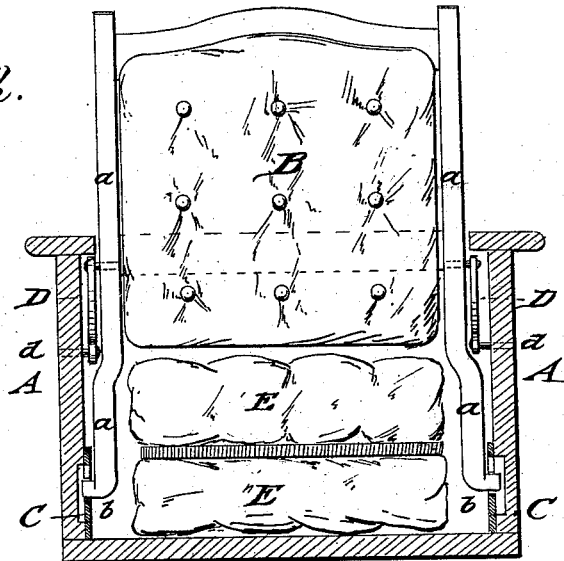


Fig. 2.



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# UNITED STATES PATENT OFFICE.

JULIUS SUES AND SYLVESTER W. RAPLEE, OF LOUISVILLE, KENTUCKY.

## IMPROVEMENT IN CHILDREN'S CARRIAGES.

Specification forming part of Letters Patent No. 207,220, dated August 20, 1878; application filed July 18, 1878.

*To all whom it may concern:*

Be it known that we, JULIUS SUES and SYLVESTER W. RAPLEE, of Louisville, in the county of Jefferson and State of Kentucky, have invented a new and Improved Child's Carriage, of which the following is a specification:

In the accompanying drawings, Figure 1 represents a vertical longitudinal section of our improved child's carriage, shown with drop-back in upright position, the same being also shown in dotted lines as let down for use as a bed; and Fig. 2 is a vertical transverse section of the carriage on line *x x* in Fig. 1.

Similar letters of reference indicate corresponding parts.

The invention relates to such improvements in children's carriages that the back may be changed in very simple manner from an upright to a reclining or to a lying-down position, and thereby the carriage be readily converted into a bed, giving in either position a complete and comfortable support to the child's body, with the advantage that all the parts remain within the body of the carriage; and the invention consists of the body of a child's carriage having in its sides, near the bottom, ratchet-toothed castings, in which the bottom lugs of downwardly-extending side pieces of the adjustable back are placed. The back is also connected by pivoted side straps or arms with fixed pivots of the sides of the body.

The seat is made of two connected mattress-sections, that form when folded a seat, and when laid out the mattress for the bed.

Referring to the drawings, A represents the body of our improved child's carriage, and B the back of the same, which is made with downwardly-extending side pieces, *a*, which are provided with lugs *b* at their lower ends, projecting at right angles therefrom. These lugs *b* engage recesses of ratchet-toothed castings C, that are secured into the sides of the body near the bottom, as shown in Fig. 1.

The back B is further connected with the sides of the body by means of straps or arms D, which are pivoted to the side pieces, *a*, of the back at suitable distance above the castings C, and also to fixed pins *d* of the sides of the body.

The toothed castings C are arranged with as many recesses as there are different positions of the back desired. For most purposes three recesses for the upright, reclining, and lying-down positions of the back are sufficient.

In the upright position the lugs of the back are set back into the rearmost recesses of the castings, while for the reclining position the middle recesses, and for the lying-down position the front recesses, are used. By slightly lifting the back it may be readily moved from recess to recess, and thus the back conveniently placed into the desired position.

The seat E is a mattress, which is divided into two sections, that are sewed together, so as to form a hinge that admits either the folding up of the sections for a seat, or the laying out of the same for a mattress. In whatever position the back and seat may be arranged they give a complete and perfect support to the child, whether it is in a sitting or lying posture, and by simple and easily-adjusted means. The seat and back remain within the lines of the body, and secure thereby full protection to the child by the top or canopy against the rays of the sun in every position of the same.

We are aware that a carriage having a pivoted back and sliding seat, so that it can be changed from an upright to a reclining or lying-down position, is old; but

What we claim is—

1. As an improvement in children's carriages, the combination, with the body of the carriage, having toothed castings in the sides, of an adjustable back that is secured by bottom lugs and pivoted side straps or arms in upright, reclining, or lying-down position, substantially as and for the purpose set forth.

2. The combination, with the body of a child's carriage, having toothed castings in the sides, of an adjustable back that is connected to the castings by downwardly-extending side pieces and bottom lugs, and to the sides of the body above the castings by pivoted straps or arms, substantially as specified.

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Witnesses:

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