

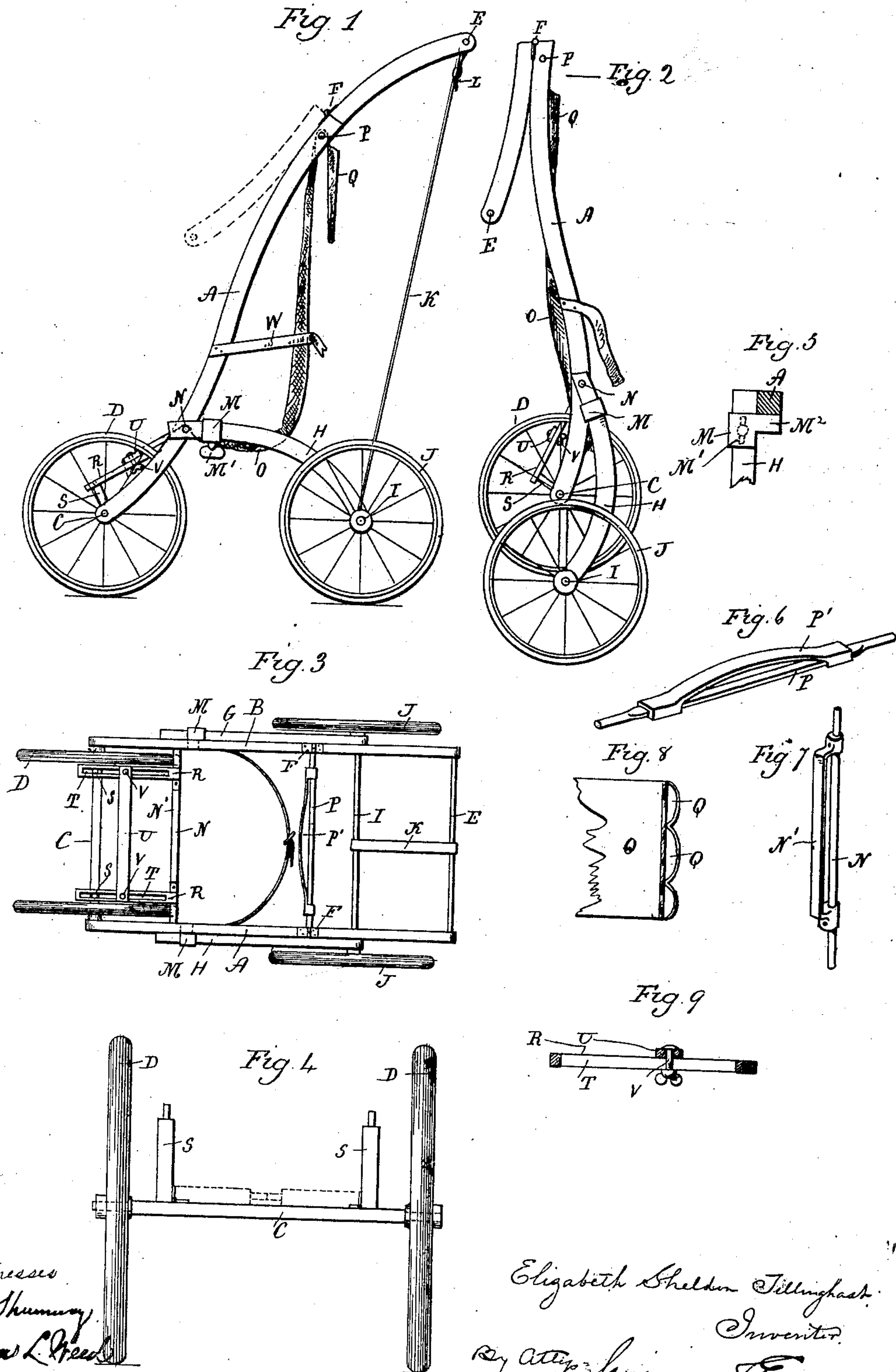
No. 688,039.

E. S. TILLINGHAST.
BABY CARRIAGE.

Patented Dec. 3, 1901.

(Application filed Aug. 22, 1901.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

ELIZABETH SHELDON TILLINGHAST, OF NEW HAVEN, CONNECTICUT.

BABY-CARRIAGE.

SPECIFICATION forming part of Letters Patent No. 688,039, dated December 3, 1901.

Application filed August 22, 1901. Serial No. 72,877. (No model.)

To all whom it may concern:

Be it known that I, ELIZABETH SHELDON TILLINGHAST, of New Haven, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Baby-Carriages; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a side view of a baby-carriage or go-cart constructed in accordance with my invention; Fig. 2, a side view of the same in its folded position; Fig. 3, a top or plan view of the same with the seat removed; Fig. 4, a front view of the forward axle, showing the hinged fingers thereon; Fig. 5, a top or plan view of one of the clamps on one of the braces, with its arms shown in engagement with the side piece A; Fig. 6, a perspective view of the seat-rod detached; Fig. 7, a perspective view of the upper rod; Fig. 8, a broken top view of the seat member, showing the pockets therein; Fig. 9, a longitudinal sectional view through one of the seat-extension arms.

This invention relates to an improvement in portable baby-carriages or, as they are commonly called, "go-carts," the object of the invention being a simple construction and convenient arrangement of parts whereby the carriage will automatically fold into small compass; and the invention consists in the construction, arrangement, and combination of parts, as will be hereinafter described, and particularly recited in the claims.

As herein shown, the cart consists of two side pieces A B, connected at their lower ends by an axle C, upon which wheels D are mounted, and at their upper ends by a handle-bar E. Preferably the side pieces A B will be divided near their upper ends and connected by hinges F. Pivoted to the side pieces A B are braces G H, which are connected at their rear ends by an axle I, upon which the rear wheels J are mounted. In order to hold the upper ends of the side pieces A B extended, the handle-bar E and axle I are connected by a strap K, of tape, leather, or other suitable material, one end of which is provided with a fastening device L, whereby it may be read-

ily attached and detached. On each of the braces G H is a clamp M, adapted to be adjustably secured by a set-screw M' and formed with an outwardly-extending arm M², which bears upon the rear face of the side pieces A B, whereby the angle between the side pieces and braces may be adjusted as desired to permit the child to sit erect or recline. The pivot by which the braces are secured to the side pieces is preferably a rod N, which extends across the frame, forming a support for the seat O, which is formed from flexible material suspended at its upper end from a transverse bar P and extending downward to the said seat-rod N, to which it is secured. Preferably, and as herein shown, the upper end of the seat, which is formed from canvas or other suitable material, extends over and downward from the top bar P, forming one or more pockets Q, as clearly shown in Fig. 8. To give a springing action to the seat in addition to the natural give of the frame, I mount a spring P' upon the top bar P, as shown in Fig. 6, over which the upper end of the seat is folded, and on the seat-rod N, I mount a spring N', as shown in Fig. 7. Pivoted to the seat-rod N are arms R, adapted at their outer ends to rest upon fingers S, hinged to the front axle C and adapted to be turned into a vertical position, as shown in Figs. 1 and 4, to support the outer ends of the arms R. These arms are formed with longitudinal slots T and are connected by a slide U, which is adapted to be clamped to the arms by bolts V, extending through the said slots T, and the lower extension of the seat is secured to this slide U, so that when desired the lower extension of the seat may be raised to support the legs of a child.

As a convenient means for transporting the carriage, I provide a strap W, the ends of which are attached to the side pieces A B, from which they extend around the back of the seat member, which they may additionally support and at the same time provide a convenient handle.

In view of the modifications herein suggested and of others which may obviously be made I would have it understood that I do not wish to be understood as limiting the invention to the exact construction shown and described, but hold myself at liberty to make

such changes and modifications as fairly fall within the spirit and scope of my invention.

I am aware that baby-carriages adapted to be folded together are not, broadly speaking, new, and therefore do not wish to be understood as claiming such as my invention; but,

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

10 1. In a baby-carriage, the combination with two side pieces connected at their lower ends by an axle, and at their upper ends by a handle-bar, the said side pieces formed in two parts and hinged together, braces pivoted at
15 their forward ends to said side pieces, and extending rearward and downward therefrom, and connected at their lower ends by a rear axle, wheels on said axles, a transverse bar across said side pieces near their upper
20 ends, a seat-rod, a seat suspended from the said transverse bar, and connected with the said rod, and a stay connecting said handle-bar and rear axle, substantially as described.

2. In a baby-carriage, the combination with
25 two side pieces connected at their lower ends by an axle, and at their upper ends by a handle-bar, braces pivoted at their forward ends to said side pieces, and extending rearward and downward therefrom and connected at
30 their lower ends by a rear axle, wheels on said axles, a transverse bar across said side pieces near their upper ends, a seat-rod, a seat suspended from said transverse bar, and connected with the seat-rod, and clamps
35 mounted on said braces and formed with arms which extend outward into engagement with said side pieces, whereby the angle between the braces and side pieces may be adjusted, substantially as described.

40 3. In a baby-carriage, the combination with two side pieces connected at their lower ends by an axle, and at their upper ends by a handle-bar, braces pivoted at their forward ends to said side pieces, and extending rearward
45 and downward therefrom, and connected at their lower ends by a rear axle, wheels on said axles, a transverse bar across said side pieces near their upper ends, a seat-rod, a seat suspended from said transverse bar, and
50 connected with the seat-rod, and movable clamps located between the side pieces and the braces, whereby the angle between the braces and side pieces may be adjusted, substantially as described.

4. In a baby-carriage, the combination with 55 two side pieces connected at their lower ends by an axle, and at their upper ends by a handle-bar, braces pivoted at their forward ends to said side pieces and extending rearward and downward therefrom, and connected at
60 their lower ends by a rear axle, wheels on said axles, a transverse bar across said side pieces near their upper ends, a seat-rod, a seat suspended from the said transverse bar and connected with the seat-rod, the upper
65 end of said seat member extending over and downward from said bar, and provided with pockets, substantially as described.

5. In a baby-carriage, the combination with
70 two side pieces connected at their lower ends by an axle, and at their upper ends by a handle-bar, braces pivoted at their forward ends to said side pieces and extending rearward and downward therefrom and connected at
75 their lower ends by a rear axle, wheels on said axles, a transverse bar across said side pieces near their upper ends, arms pivoted to said seat-rod and extending downward therefrom, fingers hinged to the forward axle, and adapted to be turned upward to support the
80 forward ends of said arms, a slide adjustably secured to said arms, a seat-rod, and a seat suspended from said transverse bar and secured to said seat-rod from which it extends
85 downward and is secured to said slide, substantially as described.

6. In a baby-carriage, the combination with
two side pieces connected at their lower ends by an axle, and at their upper ends by a handle-bar, braces pivoted at their forward ends
90 to the said side pieces and extending rearward and downward therefrom, and connected at their lower ends by a rear axle wheels on said axles, a transverse bar across said side pieces near their upper ends, a seat-rod, flat
95 springs mounted on said transverse bar and seat-rod, and a seat attached directly to said transverse bar and the seat-rod so as to surround said springs, substantially as described. 100

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

ELIZABETH SHELDON TILLINGHAST.

Witnesses:

E. M. TILLINGHAST,
FRED C. EARLE.