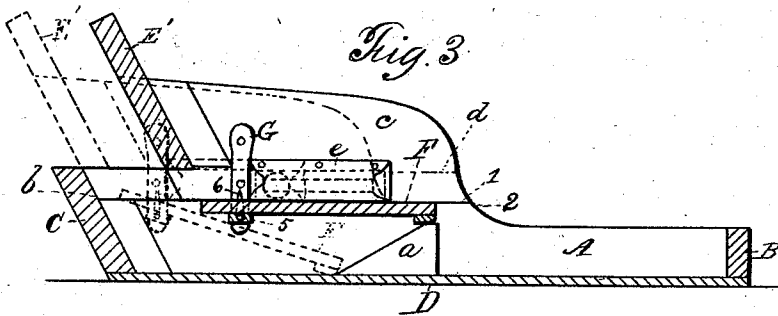
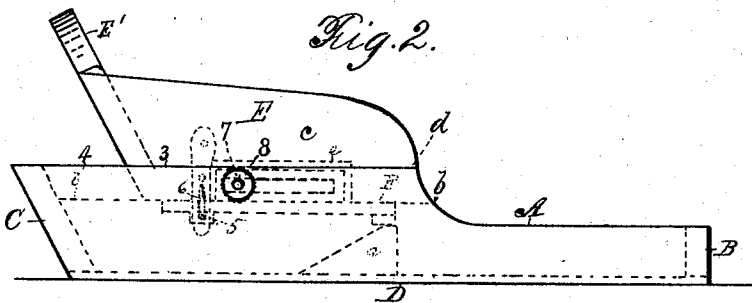
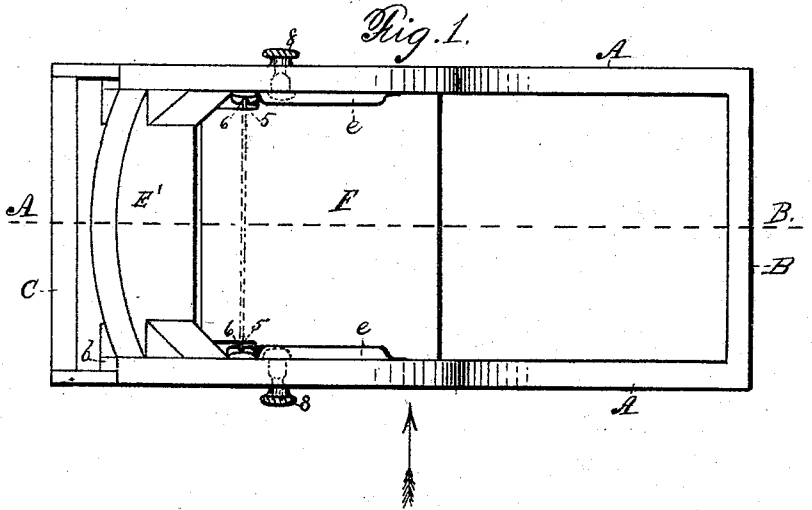


H. L. CONANT & J. P. HOLMAN.
CHILDREN'S CARRIAGES.

No. 172,091.

Patented Jan. 11, 1876.



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UNITED STATES PATENT OFFICE

HENRY L. CONANT AND JOSEPH P. HOLMAN, OF LEOMINSTER, MASS.

IMPROVEMENT IN CHILDREN'S CARRIAGES.

Specification forming part of Letters Patent No. **172,091**, dated January 11, 1876; application filed October 11, 1875.

To all whom it may concern:

Be it known that we, HENRY L. CONANT and JOSEPH P. HOLMAN, both of Leominster, in the county of Worcester and Commonwealth of Massachusetts, have invented certain new and useful Improvements in Baby-Carriages; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and in which—

Figure 1 represents a top or plan view of so much of a baby-carriage as is necessary to illustrate our present improvement. Fig. 2 represents a side view of the same; and Fig. 3 represents a longitudinal vertical central section of the same on line A B, Fig. 1.

To enable those skilled in the art to which our invention belongs to make and use the same, we will proceed to describe it more in detail.

In the drawings, the part marked A represents the sides of the body of the carriage; B, the front cross-piece of the body; C, the back cross-piece, and D the bottom of the body. E represents the sliding seat, provided with a tilting bottom, F, the front of which, when in position, as shown in full lines in the drawings, rests upon two cam-pieces, *a*, one of which is attached to the inside of each side piece of the body A, as indicated in full and dotted lines in the drawings. The rear part of the side pieces of the body extend up, and are grooved or cut out upon their inner sides down to the line *b*. (Shown by dotted line, Fig. 2, and full line in Fig. 3.) The side pieces *c* of the seat are grooved or cut out upon their outer sides up to the line *d*, (shown by full line, Fig. 2, and dotted line, Fig. 3,) whereby the lower edges 1 of the side pieces *c* rest upon the shoulders 2 of the side pieces of the body, and the shoulders 3 of the side pieces *c* of the seat stand above the edges 4 of the side pieces of the body. The rear end of the bottom F of the seat E is supported by two pivots, 5, projecting from its rear corners, which have bearings in the lower ends of the pieces G, which are fastened to the insides of the pieces *c* of the seat E. The lower ends of the pieces G project inward, and are slotted upward, as seen at 6, and as indicated by full and dot-

ted lines in the drawings, whereby the pivots 5 of bottom F of seat E can be dropped down into their proper positions, thus enabling the bottom of the seat to be connected and disconnected from the sides and back of the seat in a very convenient and expeditious manner. Holes are bored in the sides of the body A for the passage of holding-bolts 7, which pass through slots in the respective side pieces of the seat. The heads of said bolts (shown in dotted lines, Fig. 1) bear against the insides of the side pieces *c*, whereby, by means of thumb-nuts 8, seat E can be securely held in the positions shown in full and dotted lines in the drawings, or in any intermediate position between those named, and which adjustment can be easily and quickly made by simply loosening thumb-nuts 8, and then slipping the seat back or forward to the position desired, after which thumb-nuts 8 are tightened up again. The form of the slots in the side pieces *c* is indicated by dotted lines, Figs. 2 and 3.

We prefer to attach a slotted metal plate of rectangular form to the insides of pieces *c*, as indicated in dotted lines, Fig. 2, against which the heads of holding-bolts 7 are drawn; and we also, in practice, prefer to cover said metal slotted plates, as well as the heads of the bolts 7, with metal or other caps *e e*, as fully indicated in Fig. 1 of the drawings, said cap-pieces *e* being fastened to the side pieces *c* in any convenient manner.

The operation of our invention is as follows: When the seat is to be used in the ordinary manner of using baby-carriage seats, it is adjusted to the position shown in full lines, Figs. 1 and 3, and dotted lines, Fig. 2; but when it is to be used for supporting a child in a reclining position, thumb-nuts 8 are loosened, and the seat E run or slid back, so as to allow the bottom E to drop down into the inclined position shown by dotted lines in Fig. 3, and this adjustment can be made without removing the child or its wrappings from either the carriage or the seat, and when it is desired to readjust the seat and the position of the child, that, too, can be effected in the same convenient and expeditious manner.

It will be observed that the back E' of the seat E remains in the same rigid, upright posi-

tion at all times; consequently its external appearance remains unchanged, in whatever position it may be adjusted as respects the body of the carriage. It will also be observed that by our arrangement a space is left in rear of and below the bottom of the seat, in which wrappings and other articles may be safely carried.

Having described our improvements in baby-carriages, what we claim therein as new and of our invention, and desire to secure by Letters Patent, is—

1. The sliding seat, provided with a rigid back and tilting or hinged bottom, in combination with the carriage-body and fixed supports thereon for upholding the said bottom, substantially as set forth.

2. The combination, with the front of the

bottom or seat of a baby-carriage, of inclined or cam-like supports, whereby, when a part of the surfaces in contact are moved forward or back, as the case may be, the front of the bottom F of the seat will be raised or lowered, for the purposes stated.

3. The combination, with the sides *c c*, of the slotted seat-supports G, substantially as and for the purposes set forth.

4. The combination, with the body A and sliding seat E, having slotted side pieces *c*, of adjusting-bolts 7 and thumb-nuts 8, substantially as and for the purposes set forth.

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Witnesses:

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