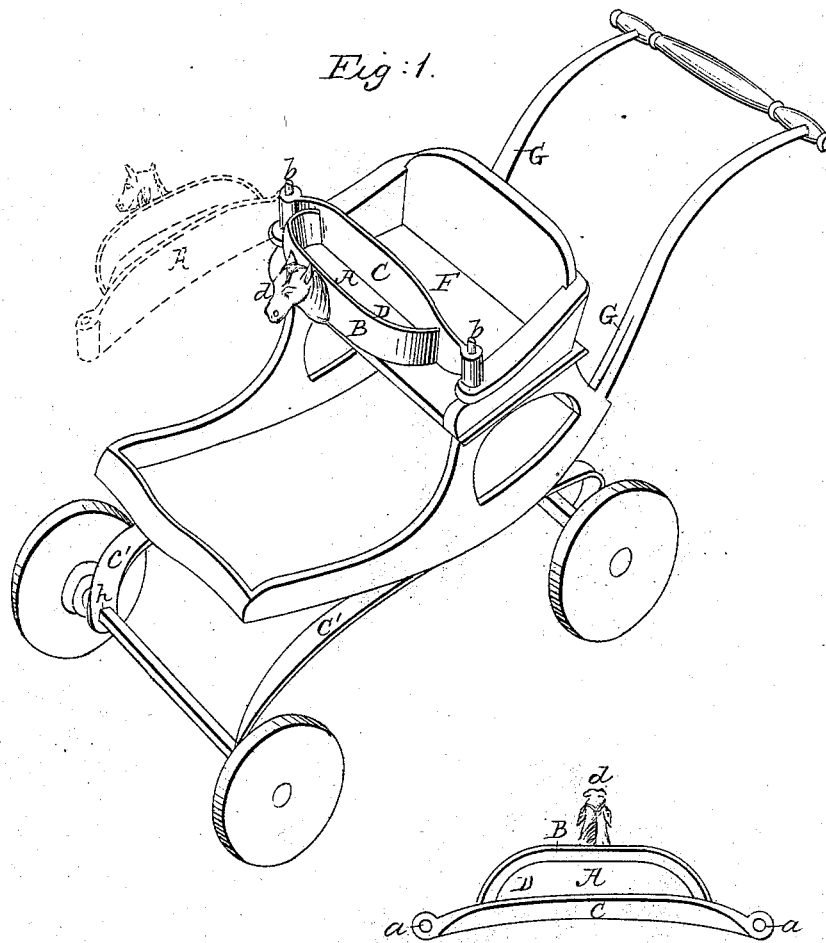


B. P. CRANDALL, Jr.

Child's Carriage.

No. 113,402.

Patented April 4, 1871.



Witnesses
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United States Patent Office.

BENJAMIN P. CRANDALL, JR., OF WILLIAMSBURG, NEW YORK.

Letters Patent No. 113,402, dated April 4, 1871.

IMPROVEMENT IN CHILDREN'S CARRIAGES OR PERAMBULATORS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, BENJAMIN P. CRANDALL, JR., of Williamsburg, in the county of Kings and State of New York, have invented certain new and useful Improvements in Children's Carriages or Perambulators; and I do hereby declare the following to be a full, clear, and exact description of the construction of the same sufficient to enable any one skilled in the art to which my invention appertains to make, construct, and use the same, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a perspective view of a child's carriage with my improvements attached, while

Figure 2 is a view of the toy-box detached from the carriage.

My invention is designed as an improvement upon that class of vehicles known as children's carriages or perambulators; and to this end

It consists in the combination of a toy-box arranged upon the body or seat of such carriages or perambulators, so as to afford a receptacle for toys, &c., for the diversion of children, and at the same time prevent their falling forward out of the seat.

It further consists in the peculiar construction of the springs which support the body of a child's carriage or perambulator, all of which will hereinafter be more fully set forth.

A in the drawing may represent the toy-box, made of wood, sheet metal, or other suitable material, and which, in the present instance, is located in front of, but somewhat above, the seat, so as to permit the occupant's feet to extend downwardly and rest upon a bottom board or boards.

This toy-box may be made of any suitable form upon its inside or outside surfaces, the front portion B being curved or bent, and its ends united to the brace C, which extends across from side to side of the body or seat in front of the child, a bottom, D, being securely fastened to the parts B and C, so as to form a receptacle for toys or other articles, and prevent their falling out when the carriage is being moved from point to point.

The brace C is formed at each end with eyes or slots *a a*, which engage with suitable pins or standards *b b* upon the body or seat of the carriage, and thus are firmly retained in place.

A nut or pin may be used upon the standard, at or near its top, to retain the brace C on the body or seat.

One end of the brace C of the toy-box may be hinged to the body or seat, and the other end provided with a suitable fastening, so as to engage with a catch upon the other side of the body or seat, thus permitting the toy-box to be swung around, as shown

in dotted lines, fig. 1, so as to allow a child to readily take or be placed in the seat.

The brace C can be lined with leather or other fabric upon the side next to the child's seat, and the space between the two materials be stuffed with hair or suitable wadding, so as to prevent injury to the child should it fall forward, and at the same time add to its neat appearance.

Thus it will be seen that, by the attachment of this toy-box, a receptacle is furnished to receive toys, &c., calculated to divert children, and also that the slender strap heretofore used to prevent children falling forward is dispensed with.

Profile heads of animals may be attached to or formed with the toy-box, as designated by the letter *d*, figs. 1 and 2.

It is understood that the toy-box can readily be made from a single piece of wood or metal, if it be desired.

F F is the body or seat mounted upon and secured to the handles G, which are securely attached to springs C' C'.

The springs C' C' are so constructed as to be specially adapted to children's carriages, inasmuch as they are formed with a bend or twist at their front ends, where an eye, *h*, is formed, which admits of the spring being placed upon the journal portion of the axle in such a manner that, when the wheel is secured in position, the spring is retained upon the journal and does not interfere with the free revolution of the wheels. Thus all bolts and clips are dispensed with in securing the front portion of the spring to the axle.

The rear ends of the springs C' C' are bent or curved, so as to pass around the axle and be secured thereto, a sufficient bend being given to produce such elasticity as will prevent the inside of the upper portion of the spring coming in contact with the rear axle, so as to prevent jarring of the carriage when rough places are crossed.

It may also be stated that this toy-box can be attached to the body or seat of a sleigh in a manner similar to that above described.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

A toy-box combined and arranged with the body or seat of a child's carriage or perambulator, substantially as described, for the purpose set forth.

To the above I have signed my name this 3d day of August, 1870.

BENJAMIN P. CRANDALL, JR.

Witnesses:

WM. T. COOKE,
THOMAS A. STINSON,
JOHN M. STEARNS.