J. A. H. ELLIS.

Child's Carriage.

No. 91,615. Patented June 22, 1869.

Fig. 1.

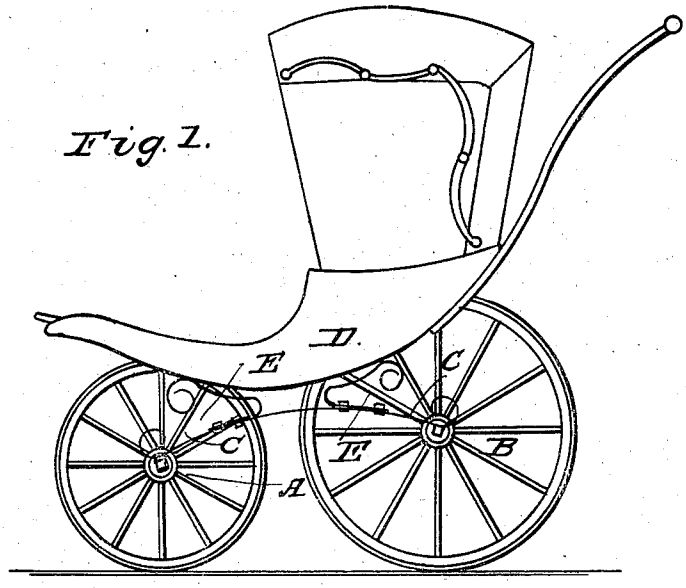
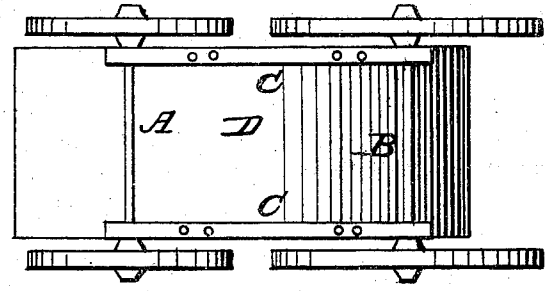


Fig. 2



Witnesses

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JOEL A. H. ELLIS, OF SPRINGFIELD, VERMONT, ASSIGNOR TO ELLIS, BRITTON, AND EATON, OF SAME PLACE.

Letters Patent No. 91,615, *dated June* 22, 1869.

IMPROVEMENT IN CHILDREN'S CARRIAGES.

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, JOEL A. H. ELLIS, of Springfield, Windsor county, Vermont, have invented a new and improved Children's Carriage; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a side view of my improved children's carriage.

Figure 2 is an inverted plan view of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a novel manner of arranging the springs on children's carriages, for the purpose of making them answer at once as reach and as axle-supports, so that the sills or reach heretofore employed can be done away with.

The invention consists in connecting the two axles of the carriage by means of two springs, and in attaching them to the said springs, and in securing the said connecting-springs to the body of the carriage by means of intervening springs, as hereinafter more fully set forth.

A, in the drawing, represents the front axle, and

B, the rear axle of a children's carriage.

These two axles are fastened to and connected by two or more longitudinal springs, C C, which are strong enough to sustain the weight of the carriage-body and to withstand the longitudinal strain while the carriage is in motion.

D is the carriage-body, of suitable construction.

It rests on short springs, E E, that are fastened, in pairs, to the upper sides of the springs C, substantially in the manner shown in fig. 1.

The carriage is thus entirely supported by springs, and has four separate spring-bearings on the four springs E. It is thereby made so elastic that it will be very comfortable to ride in, and not subject to any shocks and jars whatever.

This arrangement is furthermore less expensive than the ordinary sill-connection, and less heavy and more elegant besides.

Having thus described my invention,

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

The arrangement of the child's carriage upon the four independent springs E, supported upon the two parallel springs C, which form the reach and sole connection between the front and rear axles, as herein described, for the purpose specified.

JOEL A. H. ELLIS.

Witnesses:

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