N. B. WELSH.

Child's Carriage.

No. 226,138 Patented Mar. 30, 1880.

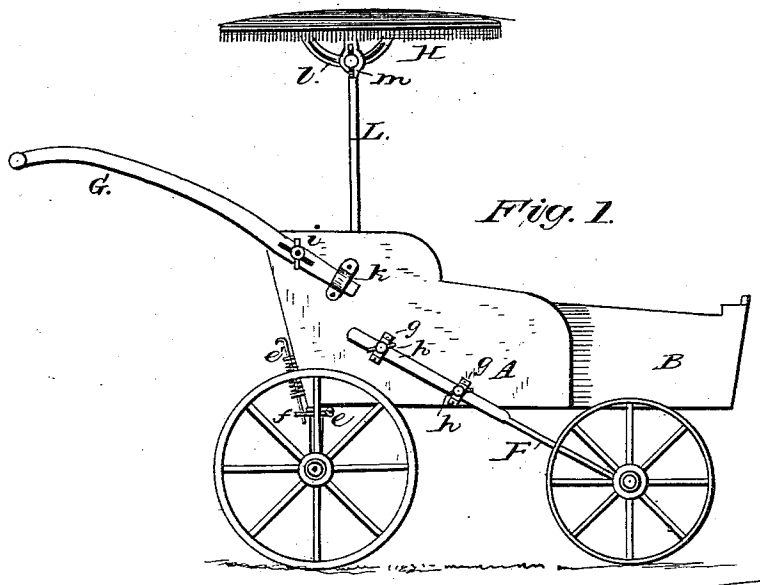


Fig. 1.

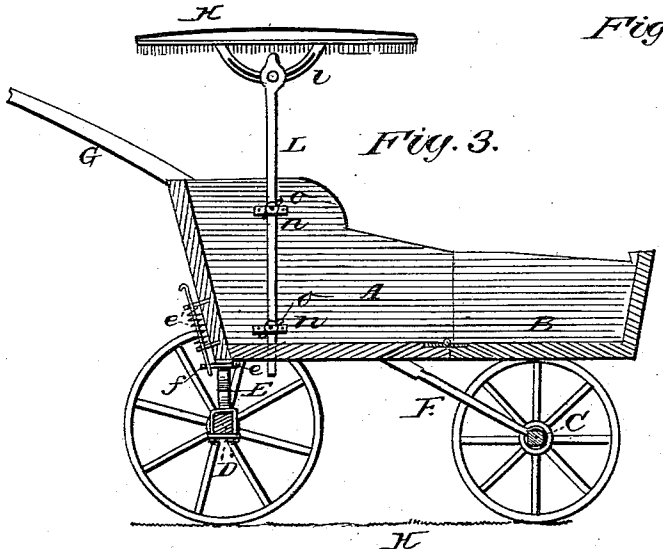


Fig. 3.

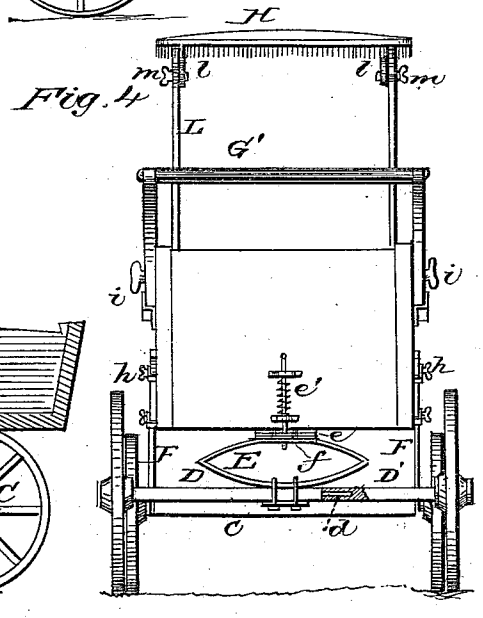


Fig. 4.

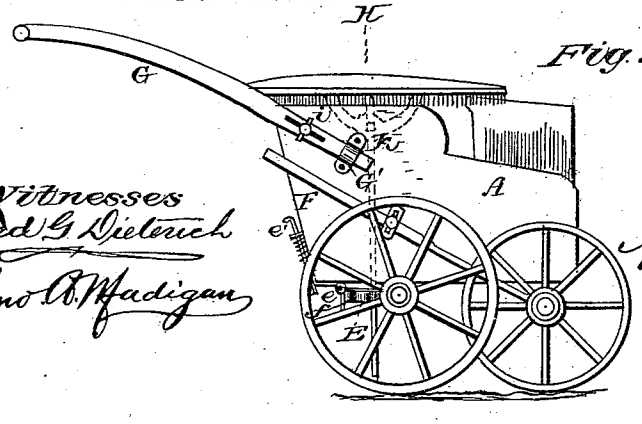


Fig. 2.

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UNITED STATES PATENT OFFICE.

NAPOLEON B. WELSH, OF BALTIMORE, MARYLAND.

CHILD'S CARRIAGE.

SPECIFICATION forming part of Letters Patent No. 226,138, dated March 30, 1880.

Application filed February 4, 1880.

To all whom it may concern:

Be it known that I, NAPOLEON B. WELSH, of Baltimore, in the county of Baltimore and State of Maryland, have invented certain new and useful Improvements in Children's Carriages; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a side elevation, showing the carriage extended and ready for use. Fig. 2 is a similar view, showing it doubled up or folded. Fig. 3 is a longitudinal vertical section, and Fig. 4 is a rear elevation.

Similar letters of reference indicate corresponding parts in all the figures.

This invention relates to children's carriages; and it consists in the construction and arrangement of parts of a folding child's carriage, adapted to be folded up into a small compass for transportation, or when not in use, substantially as hereinafter more fully described.

In the drawings, A is the main part or box of the carriage, to the open front end of which is hinged the folding front section or extension, B. C is the front axle, which is secured under the front part of box A, just back of the hinged section B; and D is the rear axle, which consists of two parts, D D′, screwed together or otherwise rigidly united at *d*.

In the present illustration of my invention I have shown this axle provided with a single elliptic spring, E; but, if desired, two side springs may be used instead of the single spring E. In either case the spring (or springs) is so arranged that it, with the axle, may be folded or doubled in under the body of the carriage when this is not in use; and this I accomplish by means of a detachable hinge, *e*, as shown in the figures. By unscrewing this hinge from the bottom of part A the axle, with its spring and wheels, may be detached, and by dividing the axle at *d* it, with its appurtenances, may be packed within the body of the carriage when folded.

To keep the spring E and axle D D′ in their proper positions when the carriage is in use, I employ a sliding spring-bolt, *e′*, which may work either upon the outside or inside of box A, the lower end of which fits into a perforated ear, *f*, and prevents the hinge *e*, with spring E, from turning.

I have already stated that the front axle, C, is secured under the front part of box A, which is in the following manner: Two springs, F, are secured one upon each end of axle C, and extend obliquely across the sides of box A, either upon the inside or outside of said box, being inserted through staples *g g*. These springs may be flat, round, or half-round, at the option of the maker, the staples through which they are inserted being of corresponding shape, and one (or both) of them having a thumb-screw, *h*, for adjusting the position of springs F. By loosening the screws *h* axle C may be shoved up close against the bottom of box A, as shown in Fig. 2 of the drawings.

G G are the handles, which are united on top by the cross-bar G′. The lower end of each of the handles G has a slot, through which is inserted a thumb-screw, *i*. The extreme ends of the handles G, below the slot, are tenoned to fit into keeper *k*, by which they are held rigidly in position.

By a slight modification of this arrangement, which will readily suggest itself, the handles may be made reversible, as well as detachable, if desired.

H is the top, which is adjustable upon its standards L by the segments or half-circles *l*, which pass through slots in the standards L, and may be secured therein by set-screws *m*. The standards or uprights L are inserted through staples *n n*, in which they may be adjusted vertically by means of set-screws *o*. In packing or folding the carriage the standards L L may either be shoved down through the staples *n* (by loosening the set-screws *o*) into apertures in the bottom of the box or bed A, or by hinging their upper ends, as well as the segments *l*, to the under side of the top H, they (the standards) may be folded down and crossed upon the top on its under side, so that in either case they are entirely out of the way. This carriage may be folded and packed into so small a compass that it may readily be carried in the hand; hence it is admirably adapted for excursions, traveling, and under similar conditions where a full-sized child's carriage,

not capable of being folded, would have to be used.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. The combination, in a child's carriage, of the box or body A, hinged front section, B, and adjustable front axle, C, provided with the oblique springs F, working through staples *g g* on the sides of box A, and adjustable therein by means of set-screws *h*, substantially as and for the purpose herein shown and described.

2. The combination, in a child's carriage, of the box or body A, provided with the folding front section, B, and spring-bolt *e'*, and sectional rear axle, D D', provided with a spring or springs, E, and detachable hinge *e*, having a perforated ear, *f*, projecting from its lowermost leaf, substantially as and for the purpose herein shown and set forth.

3. The combination, with the box or body A B of a child's carriage, provided with the staples or sockets *n n*, having set-screws *o*, of the detachable and adjustable top H, provided with the slotted standards L L, having set-screws *m* and half-circles or segments *l*, whereby the angle of the top may be adjusted at will, substantially in the manner and for the purpose herein shown and specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

NAPOLEON B. WELSH.

Witnesses:
LOUIS BAGGER,
AUGUST PETERSON.