A. SHOENINGER.

Reversible Handle for Children's Carriages.

No. 204,385. Patented May 28, 1878.

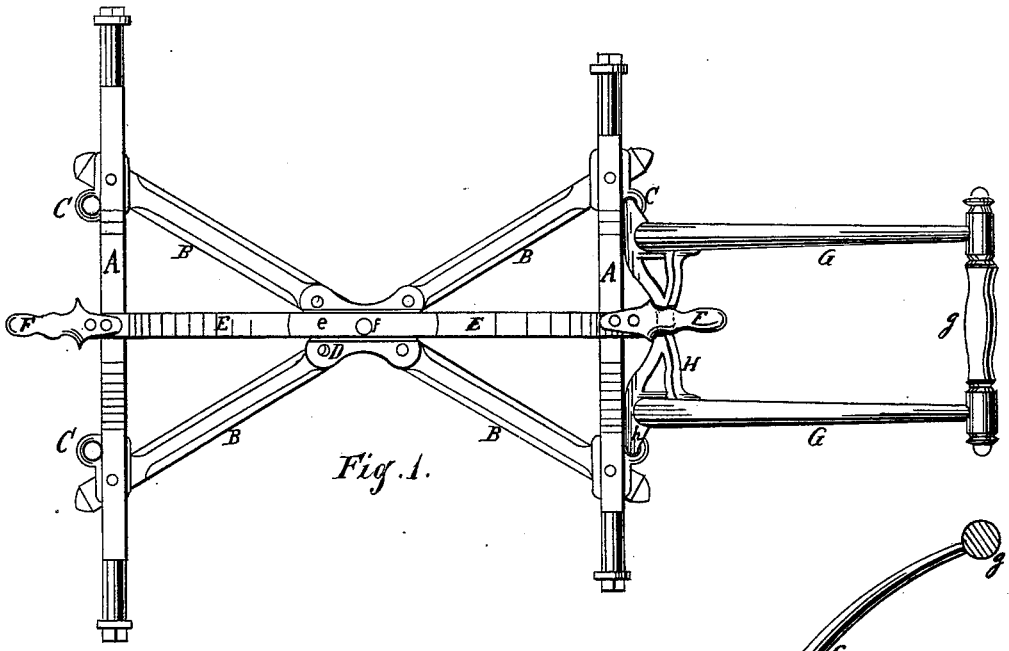

Fig. 1.

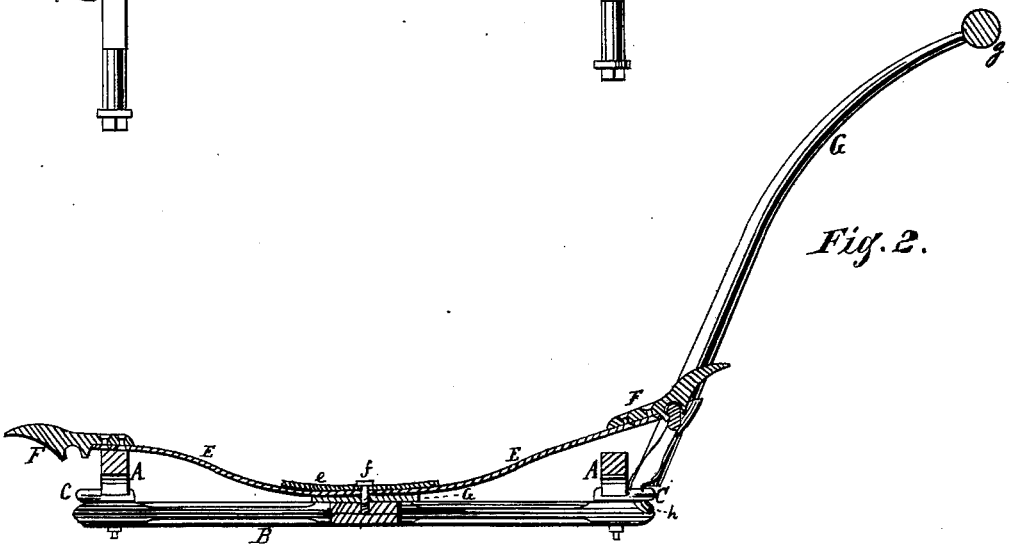

Fig. 2.

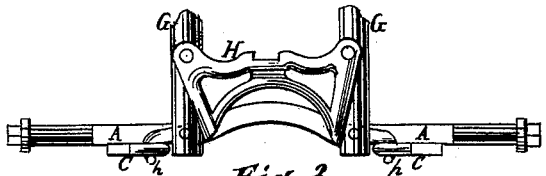

Fig. 3.

Witnesses:
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UNITED STATES PATENT OFFICE.

ADOLPH SHOENINGER, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN REVERSIBLE HANDLES FOR CHILDREN'S CARRIAGES.

Specification forming part of Letters Patent No. **204,385**, dated May 28, 1878; application filed February 28, 1878.

To all whom it may concern:

Be it known that I, ADOLPH SHOENINGER, of Chicago, in the county of Cook and State of Illinois, have invented a new and Improved Reversible Handle for Children's Carriages, as fully set forth and described in the following specification.

The nature of my invention relates to handles so constructed that they are readily detachable from the carriage-body, axles, or reaches, and which may be attached to either front or rear of the same; and it consists in providing the lower ends of the handles with hooks, which will engage with loops at the front or rear axles, and of a spring-bar secured upon the central portion of the reach, the ends of which are provided with hooks or notches for engaging with the handle-yoke, and bracing the said handles to the reaches.

In the drawings, Figure 1 represents a plan, and Fig. 2 a longitudinal vertical section, of the reaches and axles of a carriage with the handles attached; and Fig. 3 represents an end elevation of the same.

A A are the front and rear axles of a child's carriage, and B are the reaches. C C are metallic loops or eyes, each having a shouldered plate attached, which is interposed between one of the axles and reach ends, so that the same bolts or rivets holding the axles to the reaches will pass through and rigidly secure the same. Such loops C are fixed to both axles, and at equal distance apart.

Upon the central portion of the reaches, at the point where they cross each other, is secured a metallic plate, D, which answers the purpose of stiffening the reaches and as a bearing-shoe for the spring-bar E, it having flanges for said spring-bar to lie between. This bar E is made of flat steel or band iron, and is stiffened at its center by a short leaf-spring, *e*, placed upon it, and is held upon said plate D by a screw, *f*, passing through a hole in spring-bar E and leaf-spring *e*, and being tapped into the said plate D.

To each end of the spring-bar E is riveted a metallic haft, F, which has a notch formed in its under side.

G G are the handles, which at their upper ends are united by a cross-bar, *g*, while their lower ends are bolted to a metallic yoke, H, consisting of two curvi-sectional bars, as seats for the handles, each bar having formed a flaring hook, *h*, to its lower extremity, and both bars being connected by curved cross-bars, which in the center form a saddle to enter the notch in hafts F.

The spring-bar E by its down-pressure will hold the haft F tight upon the yoke H, so that it will engage therewith similar to a spring-latch, and will act as a brace to the handles, holding the same as steady as if they were a solid continuation of the reaches.

For removing the handles G, the notched haft F is raised off the yoke H, when, by lowering the handles, the hooks *h h* will disengage from the loops C C, and for attaching the handles to either end of the carriage the hooks *h h* are engaged with the loops C C, when, by raising the handles G, the notch in the haft F will latch with the handle-yoke H.. Thus the handles can be quickly reversed from one end of the carriage to the other without requiring any skill, and will be as safe and durable as handles fixed permanently to the body, axles, or reaches.

By having two or more notches in the hafts F the handles may be attached to the carriage on different angles or elevations, so as to bring them to a suitable height for various-sized persons.

What I claim as my invention is—

1. In a child's carriage, the combination, with the spring-bar E, secured at its center to the reach, and forming notched ends, of the handles G, having a yoke to engage with such notched ends, adapted to be locked to either axle without changing the position of the spring-bar, substantially as described and shown.

2. In combination with the spring-bar E, secured at its center to the reach, the notched haft F at each end of said bar, substantially as and for the purposes set forth.

3. The handles G, attached to yoke H, having hooks *h*, in combination with the loops C, attached to the hind and fore axles, and with spring-bar E, having notched end hafts F, and being secured upon the reaches, all arranged on a child's carriage, substantially in the manner and for the purpose described and shown.

ADOLPH SHOENINGER.

Witnesses:
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