C. W. GREEN
Velocipede.

No. 219,252. Patented Sept. 2, 1879.

Fig. 1

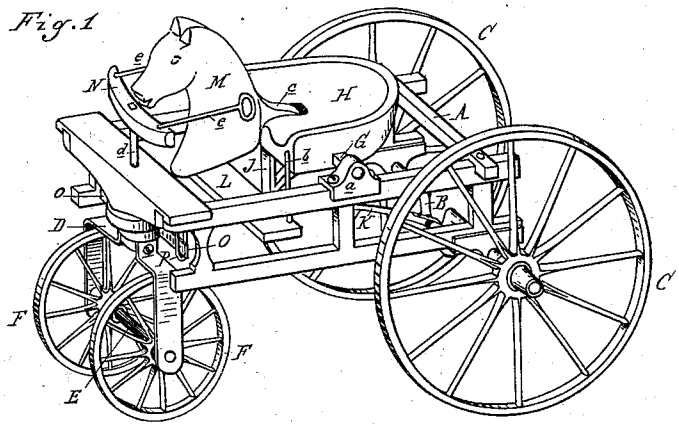
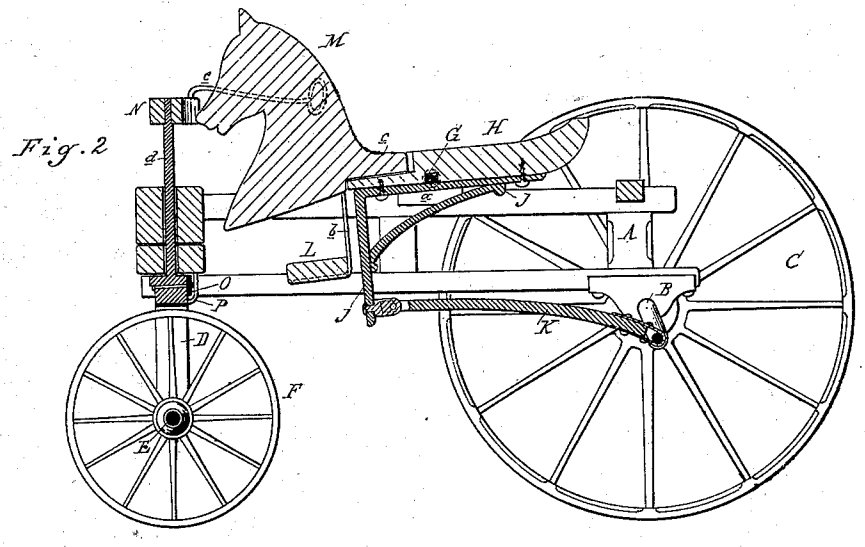


Fig. 2



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By Atty
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UNITED STATES PATENT OFFICE.

CHARLES W. GREEN, OF CHICAGO, ILLINOIS, ASSIGNOR TO L. E. GREEN, OF SAME PLACE, AND LUTHER S. TROWBRIDGE, OF DETROIT, MICHIGAN.

IMPROVEMENT IN VELOCIPEDES.

Specification forming part of Letters Patent No. **219,252**, dated September 2, 1879; application filed May 16, 1879.

To all whom it may concern:

Be it known that I, CHARLES W. GREEN, of Chicago, in the county of Cook and State of Illinois, have invented an Improvement in a Combined Hobby-Horse and Perambulator, of which the following is a specification.

The nature of my invention relates to new and novel improvements in that class of vehicles usually employed for giving pleasure to children, in the use of which they are enabled to propel the vehicle without fatigue to themselves.

The invention consists in a seat, a horse's head secured centrally to such seat, and a foot-rest, all connected together and mounted centrally upon a rocking shaft, in combination with a downwardly-extending frame and a horizontal pitman connecting such frame with the crank of the driving-shaft, the parts being so arranged that the weight of the rider will nearly balance the hobby-horse, made up of such seat, foot-rest, and horse's head, on its shaft; and, further, in attaching such horse's head removably to the seat, so that the velocipede can be readily adapted for girls, as fully hereinafter explained.

In the drawings, Figure 1 is a perspective view. Fig. 2 is a vertical longitudinal section.

In the accompanying drawings, which form a part of this specification, A represents a suitable body or frame, mounted at its rear end upon a crank-axle, B, which has rigidly secured to its ends one of the driving-wheels C. The front end of the frame is supported upon a yoke, D, in the lower ends of which is secured a short shaft, E, which carries the guide-wheels F. A shaft, G, is journaled across the frame in proper boxes or bearings *a*, and upon this shaft is rigidly secured the seat H. Secured to the under side of the seat H is a hanger, J, the lower end of which is connected to the crank of the axle B by means of the connecting-rod K. A foot-rest, L, is supported upon bracket-rods *b*, the upper ends of which are secured to the seat. In the seat H there is cut a dovetail mortise, which receives the dovetail shank *c* upon the horse's head M.

The bolt *d*, which connects the yoke D to the forward end of the frame, is prolonged, as shown, and has secured to its upper end a bar, N, to the ends of which are secured the hand-rods *e*, which extend back to within easy reach of the child upon the seat.

A leaf-spring, O, is secured to the head of the yoke D, its ends being inserted in the stirrups P, which project downwardly from the front end of the frame.

The object of dovetailing the horse's head into the seat is so that the head can be readily removed when it is to be used by a girl, and as readily inserted when the boy takes his turn. The action of the spring is to keep the guide-wheels straight, excepting when they are forcibly turned to the right or left.

I am aware that velocipedes have heretofore been known to which motion has been communicated by the rocking motion of a chair secured to a rock-shaft, and disclaim any part of such invention; but

What I claim as my invention is—

1. In a velocipede, the combination of a seat, a horse's head secured centrally to such seat, and a foot-rest mounted centrally upon a rocking shaft, with a downwardly-extending frame and a horizontal pitman connecting such frame with the crank of the driving-shaft, so that the weight of the rider will nearly balance the hobby-horse on its shaft, constructed and arranged substantially as described and shown.

2. In combination with a velocipede or perambulator, a hobby-horse the head and neck of which is removably secured to the rider's seat, substantially as and for the purposes described.

CHARLES W. GREEN.

Witnesses:

MYRON A. DECKER,

ROBERT H. ROWLAND.