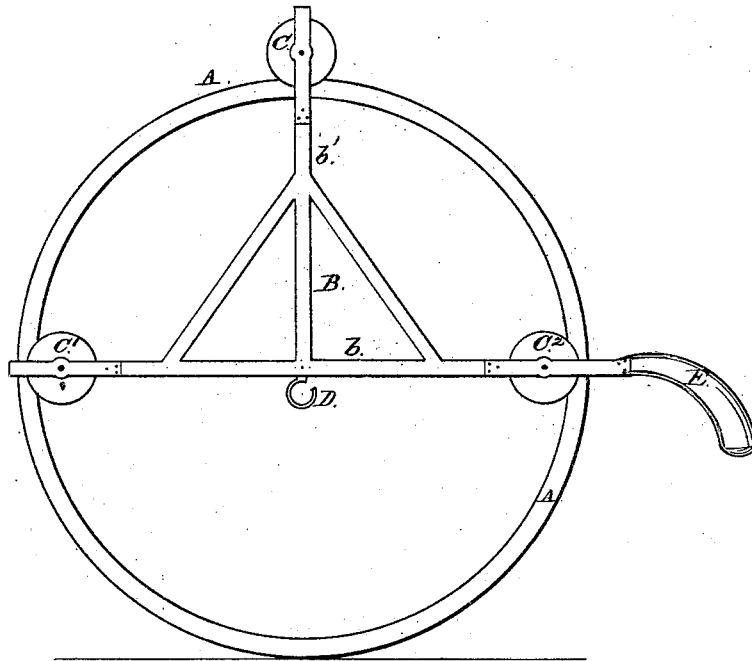


H. L. GRAVES.  
Trundling Hoop.

No. 210,419.

Patented Dec. 3, 1878.



WITNESSES:  
Geo. F. Knight  
Chas. J. Gooch

INVENTOR.  
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Atty.

# UNITED STATES PATENT OFFICE.

HENRY L. GRAVES, OF ROCKAWAY, NEW JERSEY.

## IMPROVEMENT IN TRUNDLING-HOOPS.

Specification forming part of Letters Patent No. **210,419**, dated December 3, 1878; application filed February 6, 1878.

*To all whom it may concern:*

Be it known that I, HENRY L. GRAVES, of Rockaway, Morris county, in the State of New Jersey, have invented a certain new and useful Improvement in Hoop-Carriages, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, forming part of this specification.

My improvement consists in a single hoop that rolls along the ground and supports a driving-frame, having bearing upon the periphery of the hoop by means of grooved wheels. The frame has a hook or other suitable provision for the suspension of an article to be carried.

The drawing is a side view of the improvement.

A is a hoop, made of any suitable material, such as wood or metal. This hoop rolls along the surface of the ground, and its upper part turns in a frame, B, which is supported upon the hoop by friction-wheels C C<sup>1</sup> C<sup>2</sup>, whose peripheries are grooved to embrace the periphery of the hoop A.

The frame is shown with a horizontal bar, b, in which two of the wheels C<sup>1</sup> C<sup>2</sup> are jour-

naled, and a vertical post, b', at whose upper end the other wheel, C, has bearing; but I do not confine myself to any particular form of frame, or to any particular number of friction-wheels. The frame B may be varied in construction and design at will. Only two wheels, C<sup>1</sup> C<sup>2</sup>, are required, but three are preferred.

D is a hook, on which any article may be suspended—for instance, a lunch-basket and package of school-books—and will be conveyed with scarcely any labor.

The carriage is moved forward by one hand grasping the handle E, and when in progress will not tend to fall to either side. It may be pushed or drawn forward.

I claim as my invention—

The hoop-carriage consisting of hoop A and frame B, the latter supported at the sides and upper part, respectively, of the hoop by wheels C C<sup>1</sup> C<sup>2</sup>, and provided at its lower end with a hook, D, substantially as and for the purpose set forth.

HENRY L. GRAVES.

In presence of—

SAML. KNIGHT,  
GEO. H. KNIGHT.