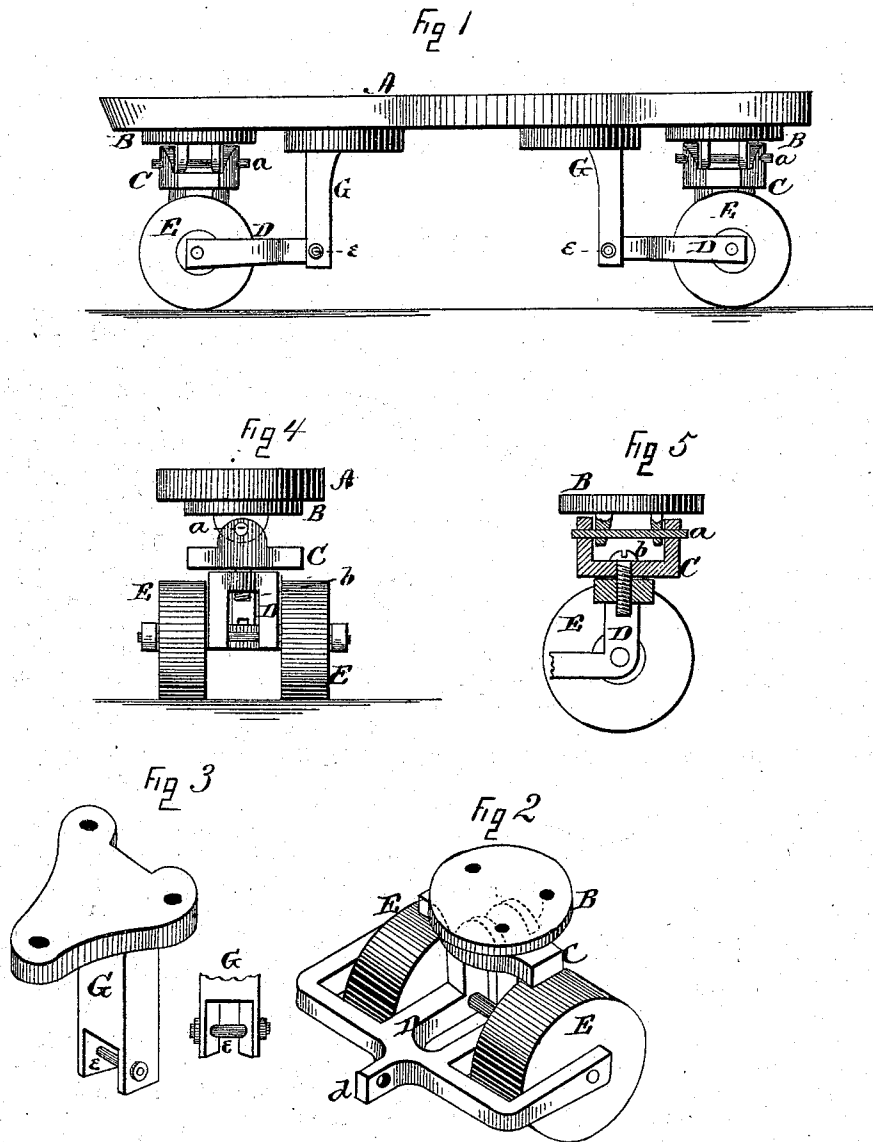


O. H. DODGE.

Roller Skates.

No. 136,711.

Patented March 11, 1873.



Witness:
Frank L. Curand
C. L. Everett.

Inventor.
Olive H. Dodge,
per
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Attorneys.

UNITED STATES PATENT OFFICE.

OLIVER H. DODGE, OF JACKSON, TENNESSEE.

IMPROVEMENT IN ROLLER-SKATES.

Specification forming part of Letters Patent No. 136,711, dated March 11, 1873.

To all whom it may concern:

Be it known that I, OLIVER H. DODGE, of Jackson, in the county of Madison and in the State of Tennessee, have invented certain new and useful Improvements in Circular-Running Roller-Skates; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of the running-gear of circular-running roller-skates so as to turn the shortest curve without the use of springs or other unreliable fastenings for the trucks.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side elevation of my skate. Fig. 2 is a perspective view of one of the trucks. Fig. 3 is a perspective view of a guide-post attached to the under side of the foot-board. Fig. 4 is an end view, and Fig. 5 a vertical section, of one of the trucks.

A represents the foot board or plate to which the foot is strapped. This foot board or plate rests upon two rocking bolsters, B B, attached to its under side—one at the toe and the other at the heel. To each of these rocking bolsters is hinged, by means of a pin, *a*, the swinging bolster C, and to the under side of each swinging bolster is fastened the truck-frame D by means of a single screw, *b*, pass-

ing loosely through the bolster and screwed into the center of the truck-frame. In each frame D are mounted two rollers, E E. G G represent two guide-posts attached to the under side of the foot-board A—one in rear of the front truck, and the other in front of the rear truck. These posts drop low enough to receive, in a slot formed in the lower end of each, a projecting tongue, *d*, from the respective truck-frames. These tongues project, one from the rear of the front truck-frame and the other from the front of the rear frame, and are secured in the slots of their respective guide-posts by a loose-fitting pin, *e*.

By this means the axes of the rollers are forced, by simply rocking the foot, to an angle corresponding with the incline of the foot, the front rollers being turned toward the side the foot is inclined to, and the rear rollers toward the opposite side.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination, with the foot-pad A, of the rocking bolster B, pin *a*, swinging bolster C, screw *b*, rollers E E, and truck D, with projecting tongue *d* hinged by the pin *e* in the bifurcated and beveled end of the post G, all substantially as and for the purposes set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 16th day of November, 1872.

OLIVER H. DODGE.

Witnesses:

J. R. CHAPPELL,
L. T. LINDSEY.