

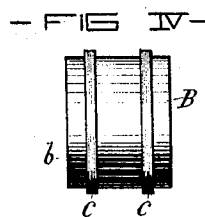
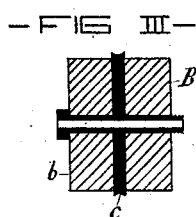
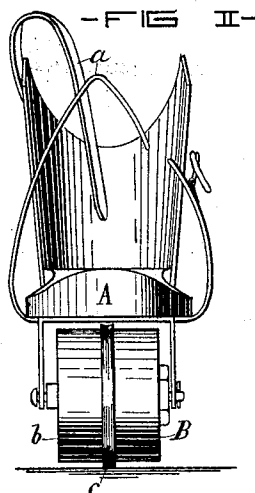
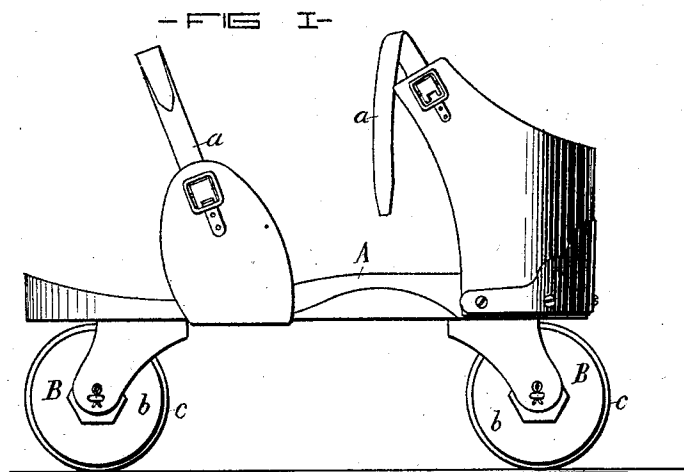
(No Model.)

J. J. HENRY.

ROLLER SKATE.

No. 284,009.

Patented Aug. 28, 1883.



- WITNESSES -

Daniel Fisher

Edw. J. Riggs

- INVENTOR -

John Joseph Henry
by G. W. H. Howard
Atty.

UNITED STATES PATENT OFFICE.

JOHN JOSEPH HENRY, OF BALTIMORE, MARYLAND, ASSIGNOR OF ONE-HALF TO GEORGE ALEXANDER SCHALL, OF SAME PLACE.

ROLLER-SKATE.

SPECIFICATION forming part of Letters Patent No. 284,009, dated August 28, 1883.

Application filed January 26, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOHN JOSEPH HENRY, of the city of Baltimore and State of Maryland, have invented certain Improvements in Roller-Skates, of which the following is a specification.

To fully understand the nature of my invention it must be borne in mind that many persons, especially children, learn to skate on floors of buildings and pavements with roller-skates, and while they may be proficient in this description of skating, they are totally unable to skate on ice with runner-skates, in view of the difficulty of maintaining an upright position.

The object of my invention is, therefore, the production of a skate which embodies the steadying properties of the roller type, and at the same time is provided with an edge to slightly cut the ice, and thereby prevent dangerous lateral movement, which would be experienced in the use of roller-skates having smooth rollers only. With this view I provide the rollers with one or more cutting-flanges, which project slightly beyond their peripheries, as hereinafter more fully described.

In the accompanying drawings, forming a part hereof, Figure I is a side view of my improved skate. Fig. II is a front view of the same. Fig. III is a longitudinal section of

one of the rollers. Fig. IV illustrates a modified construction of the roller.

Similar letters of reference indicate similar parts in all the views.

A is the body of the skate, having the usual straps, *a*, and B B are the rollers, held to the body in the usual manner. The rollers B consist of cylindrical blocks *b*, of wood, rubber, or other suitable material, in one or more parts, and a circular flange, *c*, of iron or steel, the edge of which projects beyond the circumference of the roller. The flange may be ground hollow, as shown in the drawings, or flat, as may be desired.

In Fig. IV the roller is shown as provided with two flanges; but I do not limit myself to any number. It will be understood that the flange or flanges cut into the ice to some extent and prevent lateral movement of the skate, while the body of the roller assists the wearer in maintaining an erect position.

I claim as my invention—

In a roller-skate, the rollers thereof provided with one or more metallic flanges projecting beyond their circumference, substantially as and for the purpose specified.

JOHN JOSEPH HENRY.

Witnesses:

EDWARD J. DIGGS,
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