

W. P. Gregg,
Parlor Skate,
N^o 48,929. *Patented July 25, 1865.*

Fig. 4.

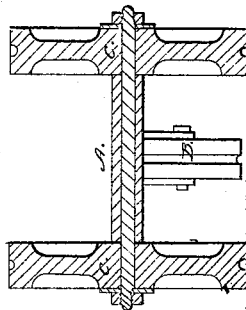


Fig. 3.

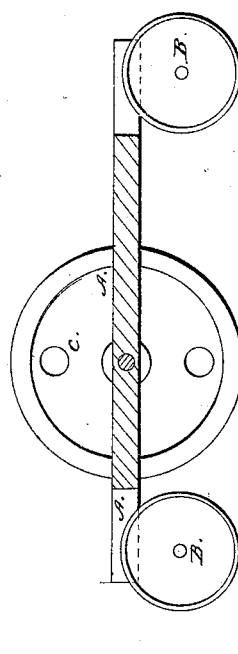


Fig. 7.

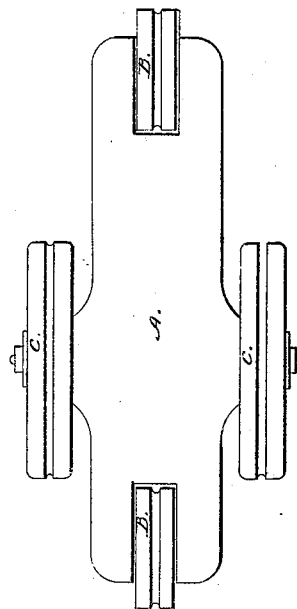
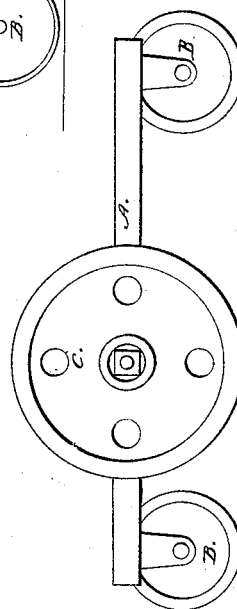


Fig. 2.



Witnesses:

D. P. Hall
G. H. Washburn

Inventor:

W. P. Gregg
by his attorney
R. W. Cady.

UNITED STATES PATENT OFFICE.

W. P. GREGG, OF BOSTON, MASSACHUSETTS.

IMPROVED ROLLER-SKATE.

Specification forming part of Letters Patent No. 48,929, dated July 25, 1865.

To all whom it may concern:

Be it known that I, WASHINGTON PARKER GREGG, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Roller-Skates; and I do hereby declare that the following description, with the accompanying drawings, forms a full, clear, and exact specification thereof.

My improvement consists in a novel construction of the roller-skate.

The accompanying drawings exhibit the stock and rollers of a skate embodying my improvements.

Of such drawings, Figure 1 exhibits the skate in top view; Fig. 2, in side elevation; Fig. 3, in longitudinal section, and Fig. 4 in transverse section.

In carrying out my invention I make the stock A of the skate of either metal or wood, of any suitable form, and with any simple attachments for fastening it to the foot of a person, combining lightness, strength, and security.

I arrange two comparatively small rollers, B B, for support, one partly under the heel and the other partly under the toe of the stock, and I also arrange two comparatively large rollers, C C, for driving, one on each side of the stock under the arch of the foot, near the line of gravity of the skater. I make the rollers, their axles and connections or fastenings, of metal or wood, or partly of both, solid or otherwise, securing strength, lightness, and durability. The size of the stock is adapted to the foot, and the size of the rollers may be varied according to the skill of the skater and the quality of the skating surface.

For common purposes the smaller rollers may be three inches in diameter and one inch in width on the periphery, and the larger rollers may be five inches in diameter and one inch in width on the periphery.

The axles or journals of the side rollers project from the stock. These rollers enable the skate to run with greater ease and rapidity than it could by means of the heel and toe rollers alone. They are so arranged that their peripheries or the bearing-surfaces thereof shall be a little lower than those of the heel and toe rollers, in order that the skater while skating may drive himself almost entirely by the large rollers.

Roller-skates thus constructed run with ease and rapidity, and do not injuriously sprain the feet nor weary the limbs, and they will not easily tip backward or forward, and they impart from the first an unusual feeling of security to the skater in all possible movements.

This skate is well adapted to hard side-walks, large halls, gymnasiums, and skating-schools, and in suitable places for traveling purposes.

I claim—

A roller-skate constructed with a stock having a small supporting-roller under each end and a large driving-roller on each side, substantially as described.

WASHINGTON PARKER GREGG.

Witnesses:

R. H. EDDY,
F. P. HALE, Jr.