

(No Model.)

N. A. TANNER.
CLAMP FOR ROLLER SKATES.

No. 329,239.

Patented Oct. 27, 1885.

Fig. 1.

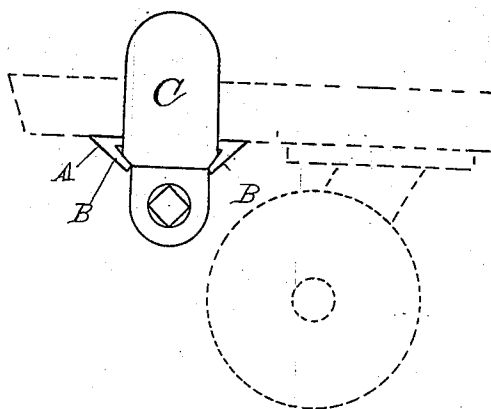


Fig. 2.

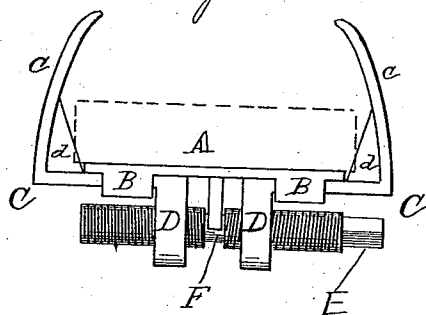


Fig. 3.

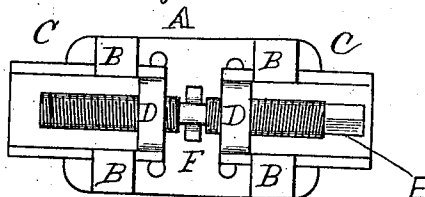


Fig. 5.

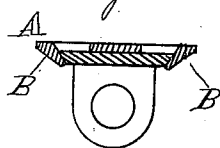
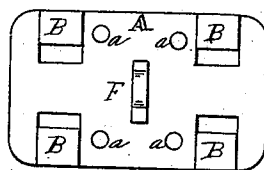


Fig. 4.



Witnesses
Charles Shelton
Robert Lutz

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Inventor
By Andrew O'Neill
his Attorney

UNITED STATES PATENT OFFICE.

NORMAN A. TANNER, OF NEW HAVEN, CONNECTICUT.

CLAMP FOR ROLLER-SKATES.

SPECIFICATION forming part of Letters Patent No. 329,239, dated October 27, 1885.

Application filed May 5, 1885. Serial No. 164,459. (No model.)

To all whom it may concern:

Be it known that I, NORMAN A. TANNER, of New Haven, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Clamps for Roller-Skates, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a side view of the clamp as attached to the skate, which is indicated by broken lines; Fig. 2 an end view of the clamp, the foot-rest of the skate shown in broken lines; Fig. 3, under side view of the clamp; Fig. 4, under side view of the plate, and Fig. 5 section of the plate and clamping device.

The object of my invention is to furnish for the market a clamping device which can readily be applied to that class of roller-skates which are supplied with a wooden foot-rest, thereby doing away with the leather straps which are now in use on that class of skates.

In the drawings, A represents the plate, which is to be secured to the wooden foot-rest by screws or their equivalent, through holes *a a a a*. Upon the under side of the plate A inclined projections B are formed, to serve as guides for the clamping-pieces C C. The clamping-pieces are provided at their inner ends with bearings D D, screw-threaded, corresponding to the right and left hand screw-threaded key E. Upon the center of the plate

a downwardly-projecting journal, F, is formed as a bearing for that portion of the key midway between the threaded parts. The clamping pieces C C have at their outer ends upward projections *c c*, provided with a fillet, *d*, which adds materially to the strength of that portion of the clamp.

The operation of the clamp is too well known to require description in this specification.

The clamp as here described and shown in the illustration is an article by itself, and can be readily adjusted to the wooden foot-rest of a roller-skate. It is made from cast metal, cheap, and durable, and can be placed upon the market.

Having thus described my invention, what I claim as a new article of manufacture is—

In a clamp for roller skates, the plate A, having inclined projections B B and journal F, in combination with the clamping-pieces C C, having bearings D D at their inner ends, provided with upward projections *c c* at their outer ends, said outer projections provided with a fillet, *d*, and the screw-threaded key E, all as and for the purposes specified.

In testimony whereof I affix my signature in presence of two witnesses.

NORMAN A. TANNER.

Witnesses:

HENRY STORER,
ROBERT LUTZ.