No. 617,996. Patented Jan. 17, 1899.

M. L. RUEL.

COMBINATION ROLLER SKATE SHOE.

(Application filed July 17, 1897.)

(No Model.)

FIG. 1.

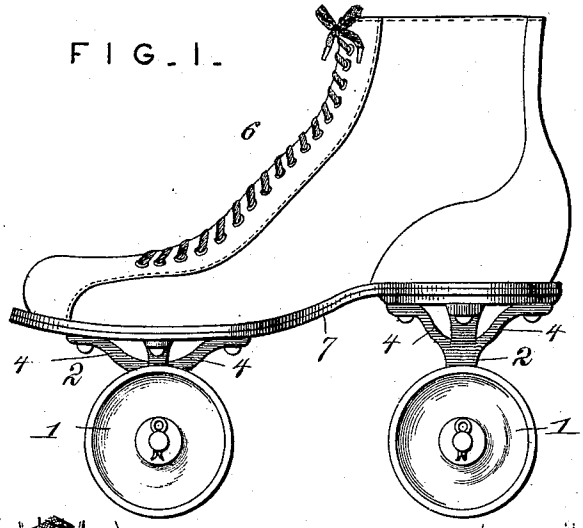


FIG. 2.

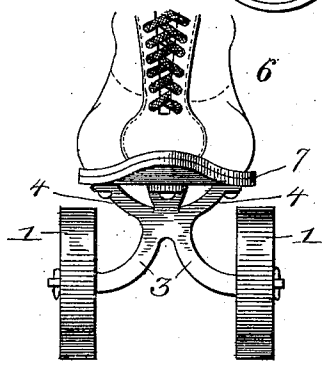


FIG. 3.

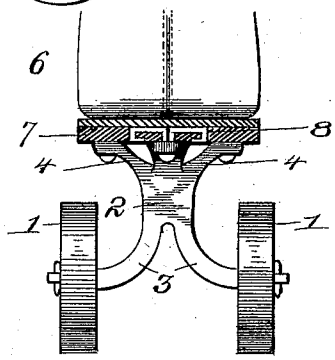


FIG. 4.

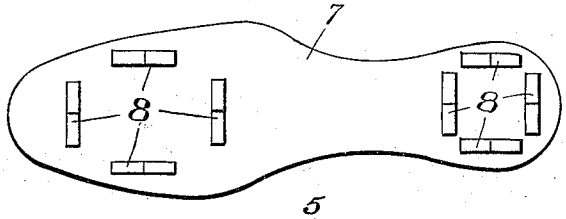
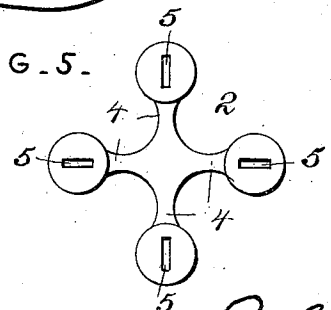


FIG. 5.



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UNITED STATES PATENT OFFICE.

MARY L. RUEL, OF NEW YORK, N. Y.

COMBINATION ROLLER-SKATE SHOE.

SPECIFICATION forming part of Letters Patent No. 617,996, dated January 17, 1899.

Application filed July 17, 1897. Serial No. 644,920. (No model.)

To all whom it may concern:

Be it known that I, MARY L. RUEL, of New York, (Brooklyn,) in the county of Kings and State of New York, have invented certain new and useful Improvements in Combination Roller-Skate Shoes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to combined roller skates and shoes.

In the use of roller-skates much annoyance and irritation is incident to the method of attaching the skate to the foot of the user. Indeed, to strap the skate or lock it to the shoe often requires such compression of the foot as to be positively painful or become so in a very short time after it has been applied.

The object of my invention is to avoid these disagreeable incidents and do away with the annoyance and loss of time involved in strapping the skates on, and thereby to make this sport more attractive and agreeable.

The invention consists in the combination of rollers, a pair of bolsters or risers carried by the rollers, and a shoe permanently fixed upon and supported by the bolsters.

In the drawings, Figure 1 is a side elevation of my combined shoe and roller-skate. Figs. 2 and 3 are front and rear elevations, respectively, the latter having a part broken away to show the outer sole in section and the fastening device in side elevation. Fig. 4 is a bottom plan of the outer sole of a shoe, showing the attaching means. Fig. 5 is a plan of the bolster or riser.

1 1 are rollers carrying the bolster or riser 2, and having arms 3, with fingers or rests 4, perforated or having holes 5.

6 is the shoe, having outer soles 7, and 8 is a fastener for coupling the bolster or riser with the outer sole 7 of the shoe. In the form in which I have shown my invention the riser is provided with four arms; but obviously the riser formed essentially like an inverted tripod will answer the same purpose. The rests 4 have oblong holes 5 for the reception of the fastener 8, which is essentially of the shape and character of a McGill paper-fastener, made of sufficient thickness and substance to firmly hold the bolster to the shoe and yet not thick enough to be uncomfortably felt by the wearer through the insole of the shoe.

The bolster and axle for the rollers, as well as the fastener, may be made of any suitable metal, but is preferably made of steel, and the rollers are preferably made of boxwood. The rollers are also made narrower by about one-quarter than those commonly used to lessen the resistance to motion, and thereby insure great speed. The rollers are also to be surrounded by a rubber band to render them noiseless and make them durable. The bands can be easily replaced when worn. While the shoes may be made of any suitable material and in any style, I propose to make them generally of canvas or similar goods, such as used for base-ball.

A combined skate and shoe made according to my invention permits of the elimination of the ordinary frame or foot-rest necessary in order to produce a roller-skate. The combination therefore is lighter than the ordinary roller-skate and shoe when the two are removably connected together.

The advantages of my invention are numerous and obvious. Among these advantages may be enumerated the saving of time, the durability of the combination as a whole, freedom from noise, comfort, neatness, and lightness, and by reason of the narrower tread easy motion and consequent increased speed.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

In a roller-shoe, the combination of rollers, a plurality of bolsters or risers carried by said rollers, a shoe, and a T-fastening for coupling the shoe with the risers adapted to pass in and out through said outer sole and be riveted or clenched on the inside of the outer sole, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

MARY L. RUEL.

Witnesses:
LOUISE OLIVIA,
GEORGE OLIVIA.