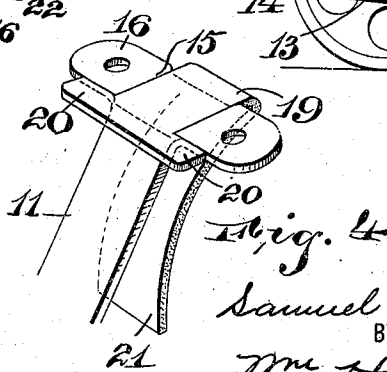
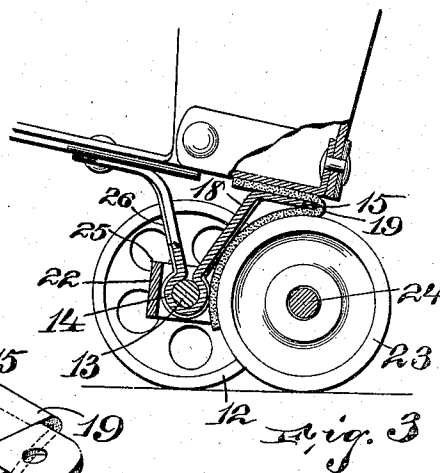
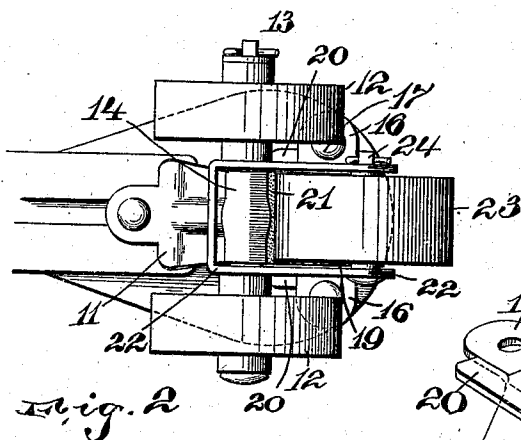
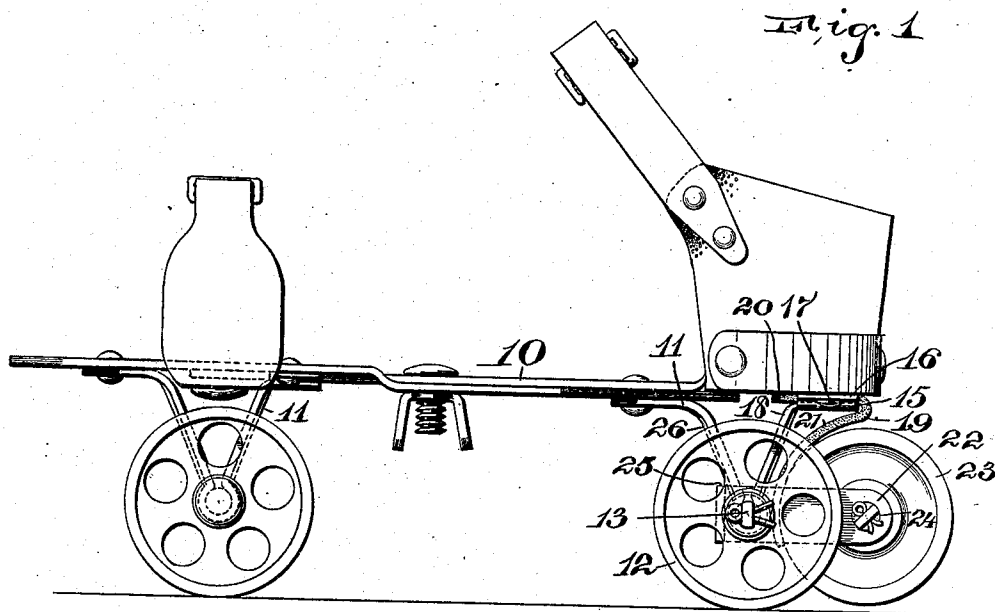


S. J. NESBITT, Sr.  
 BRAKE FOR ROLLER SKATES.  
 APPLICATION FILED MAY 22, 1909.

939,536.

Patented Nov. 9, 1909.



WITNESSES:  
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# UNITED STATES PATENT OFFICE.

SAMUEL J. NESBITT, SR., OF ELIZABETH, NEW JERSEY.

## BRAKE FOR ROLLER-SKATES.

939,536.

Specification of Letters Patent.

Patented Nov. 9, 1909.

Application filed May 22, 1909. Serial No. 497,692.

*To all whom it may concern:*

Be it known that I, SAMUEL J. NESBITT, Sr., a citizen of the United States, residing at Elizabeth, in the county of Union and State of New Jersey, have invented certain new and useful Improvements in Brakes for Roller-Skates; 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, reference being had to the accompanying drawings, and to figures of reference marked thereon, which form a part of this specification.

This invention relates to a roller-skate that will prevent the skate from sliding forward so as to throw the skater backward, and it is also designed to provide a brake that can be used at the will of the operator so that he will find it comparatively easy to stop.

The invention is illustrated in the accompanying drawing, in which—

Figure 1 is a side view of a skate equipped with a brake. Fig. 2 is a bottom view of the rear wheels of the skate showing the brake. Fig. 3 is a section of the rear part of the skate showing the brake in operation, and Fig. 4 is a detail showing the installation of a friction strip against which the wheel of the brake operates.

The device can be attached to any ordinary form of roller-skate 10, being provided with the brackets 11 and to which are attached wheels, the wheels being preferably placed on each side of the bracket 11 and being mounted as shown in the drawing where the rear wheels 12 rotate on an axle 13, the axle being arranged in the sleeve 14 of the bracket 11. The bracket 11 of the rear wheels is formed with the divergent arms as shown, the rear arm having a depressed portion 15 which extends in the shape of flanges 16 which are fastened by the rivets 17, or in any other suitable manner, to the body portion of the skate.

In the depressed portion 15 of the arm 18 of the bracket 11, is arranged a strip 19 which is preferably made of steel or leather and is either flexible or semi-flexible, the strip having wings 20 extending on its ends so as to limit its movement through the recessed portion. The strip 19 then forms

the braking strip 21, the function of which will be described hereinafter.

Arranged on the axle 13 is a yoke 22, preferably U-shaped and on which is mounted a brake-wheel 23 arranged to rotate on an axle 24. The yoke is made of a strip of material, but when the skate is level on the ground its upper edge 25 engages the arm 26 of the bracket 11 and the wheel 23 is held out of engagement with the ground or floor on which the skating is being done. If the foot is tilted upward, the brake-wheel 23 engages the floor or ground and forces the braking-strip up between it and the arm 18 of the bracket 11 so that the friction between the wheel 23, which is preferably wood, and the braking strip will cause the skater to stop.

Having thus described my invention, what I claim is:—

1. In a roller skate the combination of a bracket, a shaft in the bracket and skate wheels on the shaft, a brake-wheel, means for suspending the brake-wheel so that it can swing on the shaft, and a flexible braking-strip so disposed that it is compressed between the bracket and the brake-wheel when the skate is tilted backward.

2. In a roller skate the combination of a bracket, a shaft on the bracket, skate wheels on the shaft, with a U-shaped yoke pivotally arranged on the shaft and adapted to have its movement limited to one direction by the bracket, a brake-wheel rotatably mounted in the yoke, and a flexible braking-strip disposed between the bracket and the brake-wheel so as to be compressed between them when the skate is tilted backward.

3. In a roller skate the combination of a bracket, a shaft on the bracket, skate wheels on the shaft, with a U-shaped yoke pivotally arranged on the shaft and adapted to have its movement limited to one direction by the bracket, a brake-wheel rotatably mounted in the yoke, and a flexible braking-strip having one end secured between the bracket and the skate and having its free end suspended between the brake-wheel and the bracket.

4. In a roller skate, a supporting bracket having a bearing, a shaft in the bearing, skate wheels on the shaft, the bracket having upwardly divergent arms, one of the arms being recessed, a yoke arranged to swing on the shaft, a brake-wheel rotatably mounted

in the yoke, and a braking-strip having one end secured in the recess of the bracket and having its other end suspended between the brake-wheel and the recessed arm of the  
5 bracket.

5. In a roller skate, a supporting bracket having a bearing, a shaft in the bearing, skate wheels on the shaft, the bracket having upwardly divergent arms, one of the arms  
10 being recessed, a yoke arranged to swing on the shaft, a brake-wheel rotatably mounted in the yoke, and a braking-strip having wings on one end, the winged end being

adapted to be arranged in the recess of the bracket, the wings limiting the movement of 15 the strip in one direction, the free end of the strip being suspended between the brake-wheel and the recessed arm of the bracket.

In testimony, that I claim the foregoing, I have hereunto set my hand this 21st day of 20 May 1909.

SAMUEL J. NESBITT, Sr.

Witnesses:

E. A. PELL,

M. A. JOHNSON.