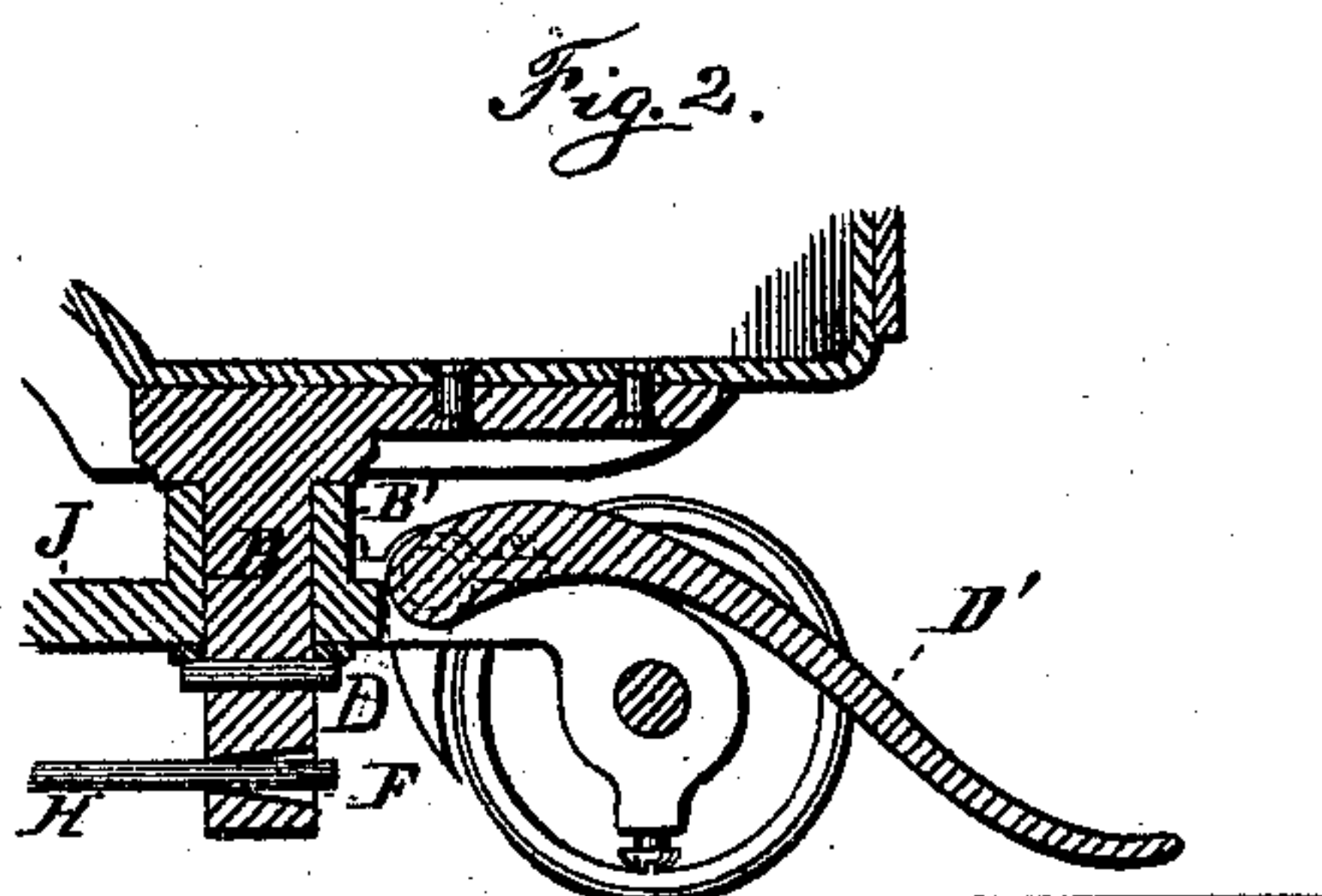
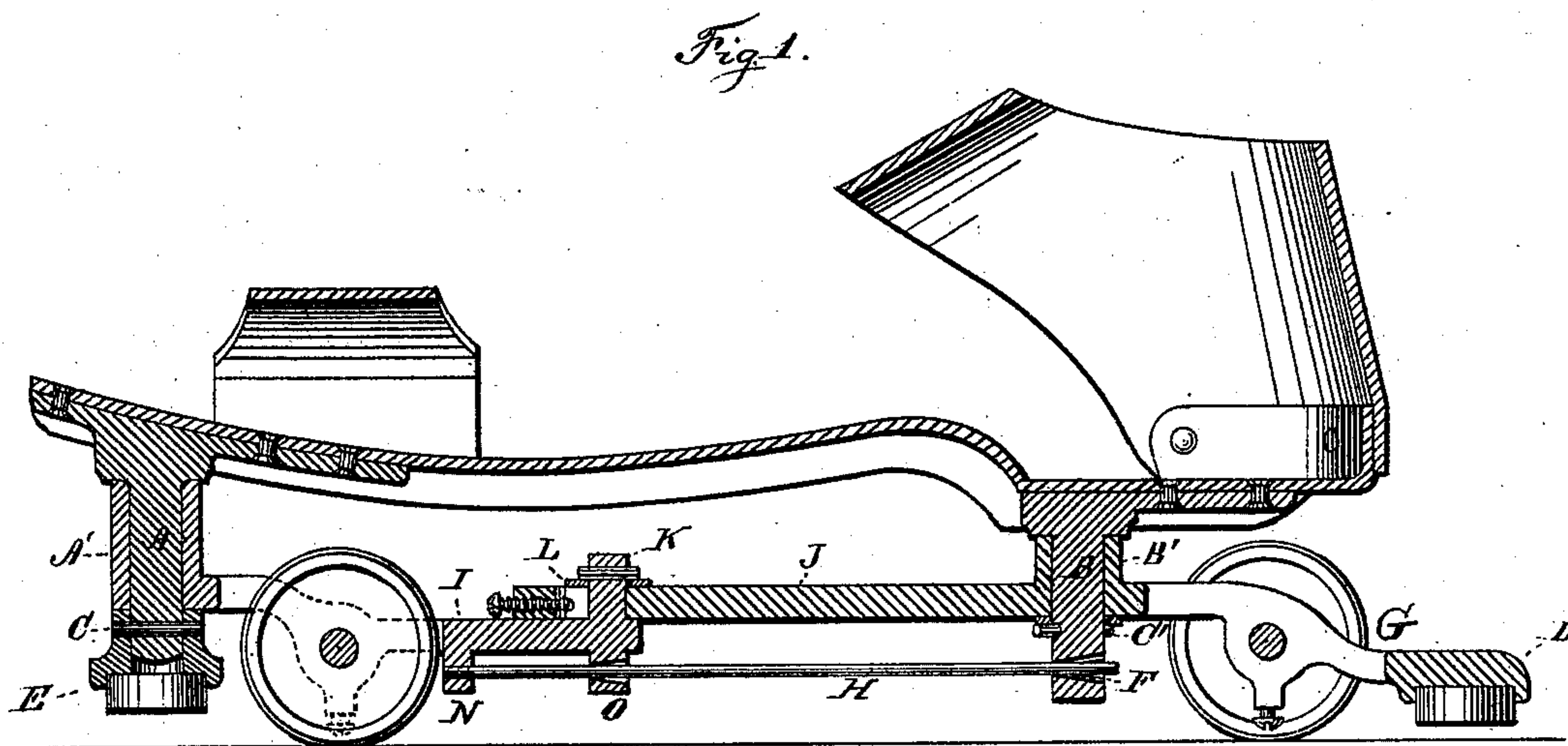


C. W. SALADEE.

PARLOR-SKATES.

No. 177,565.

Patented May 16, 1876.



WITNESSES:

*Chas. Lauten.*  
*L. W. Hamilton Johnson*

INVENTOR:

*C. W. Saladee*



# UNITED STATES PATENT OFFICE.

CYRUS W. SALADEE, OF WASHINGTON, DISTRICT OF COLUMBIA.

## IMPROVEMENT IN PARLOR-SKATES.

Specification forming part of Letters Patent No. **177,565**, dated May 16, 1876; application filed May 8, 1876.

*To all whom it may concern:*

Be it known that I, CYRUS W. SALADEE, of Washington city, in the District of Columbia, have invented certain Improvements in Parlor-Skates, of which the following is a specification:

To enable others skilled in the art to make and use my invention, I herewith submit the following description.

The first part of my invention consists in the combination, in a parlor-skate, of a stop or brake with the coupled roller-frames, as hereinafter more fully described, in such manner that, by a slight elevation of the toe of the skate, the stop in the rear is brought in contact with the floor, thereby preventing the too frequent and serious accidents occurring from a backward fall owing to the rollers running away with the feet when the body is thrown backward.

The second part of my invention consists in the method of applying a brake to the rollers of a parlor-skate, so arranged and operating that the skate may be stopped or its progress retarded at the will of the skater.

The third part of my invention consists in securing to the front end of the skate a stop or "pad," so arranged in relation to the floor as to operate like a "stop," or "rest," to secure a firmer hold upon the floor when in the act of using one skate to propel the other.

The fourth part of my invention consists in combining with the front coupling-bar and rear center-pin of the skate a spring so arranged and operating that it will tend to hold the rollers in a straight line when not directed to run the skate in curves to the right or left.

The fifth part of my invention consists in piercing a conical-shaped hole through the body of the rear center-pin of the skate, below the fastenings, securing it in its socket, having the large diameter of the hole on the rear side of the pin wherein to secure and admit of a free lateral motion of the rear end of the spring.

In the drawings, Figure 1 is a vertical longitudinal section through the center of a complete skate on the plan of my invention.

The arrangement of rollers, coupling-bars, and stock here shown is substantially the

same as that shown and described in another application of mine.

Fig. 2 is a modification of the brake, secured to the rear end of the skate.

A is the front center-pin of the skate. B is the rear center-pin. A' is the socket to receive the front center-pin. B' is the socket to receive the rear center-pin. C C' are the fastenings, holding the center-pins in their sockets. D is the rear projecting stop or "brake," formed by the inflexible prolongation G of the rear coupling-bar J. D' D'' is a modification of the brake-bar and brake. E is the front projecting stop or "pad;" F, conical hole through rear center-pin to receive the end of spring H. H is the spring. I is the front and rear coupling-bars, constructed to carry the rollers; also to turn horizontally on the center-pins; and also to balance the weights, as described in another application of mine. K L is the sliding joint. N O are the studs holding the front end of the spring H to the front coupling-bar.

In Fig. 1 the rear coupling-bar J is extended at G to form the stop or brake D. The bottom of the latter may or may not be provided with a piece of hard rubber, leather, or other suitable material, to prevent wear when in contact with the floor, and to afford a better hold upon the floor or ground when acting as a "brake." To operate the stop or brake, the skater has only to raise the toe of his boot, when the stop D comes in contact with the floor, and the skate is stopped, or its progress retarded, as required.

In the modification of brake seen in Fig. 2, the projecting stop D' is made to serve as a lever to apply the brake D'' to the rollers by the same motion of the skater's boot as that which brings the other brake in contact with the floor.

The front center-pin A is extended to form the stop or pad E, or so as to receive the latter, which is so arranged in relation to the floor that it will serve as a "rest" against which to set the toe of the skate when using it to propel its mate on the other foot, and thus prevent the skate from slipping backward when set in this position for this purpose. This stop may also be provided with a pad of



rubber, leather, or other material. The center-pins A and B are rigidly secured to the under side of the stock, and passed down through the sockets A' and B', where they are secured by a fastening, consisting of a washer and pin, O', the latter passing through the body of the center-pin just outside of the washer. The spring H is secured to the under side of the front coupling-bar in the studs N O, and the rear end is passed into the conical hole F in the rear center-pin B. The purpose of this spring is to keep the coupling-bars on a line with each other when the rollers are relieved from lateral pressure applied to run the skate in curved lines. The cone-shaped hole F admits of the proper movement of that end of the spring when it is sprung in the center to the right or left.

I claim—

1. In a parlor-skate, the combination of the front and rear coupled roller-frames I and J

and the rear brake or stop D, when constructed and arranged to operate substantially as described.

2. The lever D', in combination with the brake D'', substantially as and for the purpose described.

3. In a parlor-skate, the forward-projecting stop or pad E, substantially as and for the purpose herein set forth.

4. In a parlor-skate, the spring H, in combination with the studs N O, and rear center-pin B, substantially as and for the purpose set forth.

5. The center-pin B, having the conical hole F, in combination with the spring H, substantially as and for the purpose set forth.

CYRUS W. SALADEE.

Witnesses:

J. W. HAMILTON JOHNSON,  
J. A. RUTHERFORD.