

(No Model.)

F. J. SULKE.
ROLLER SKATE.

No. 604,179.

Patented May 17, 1898.

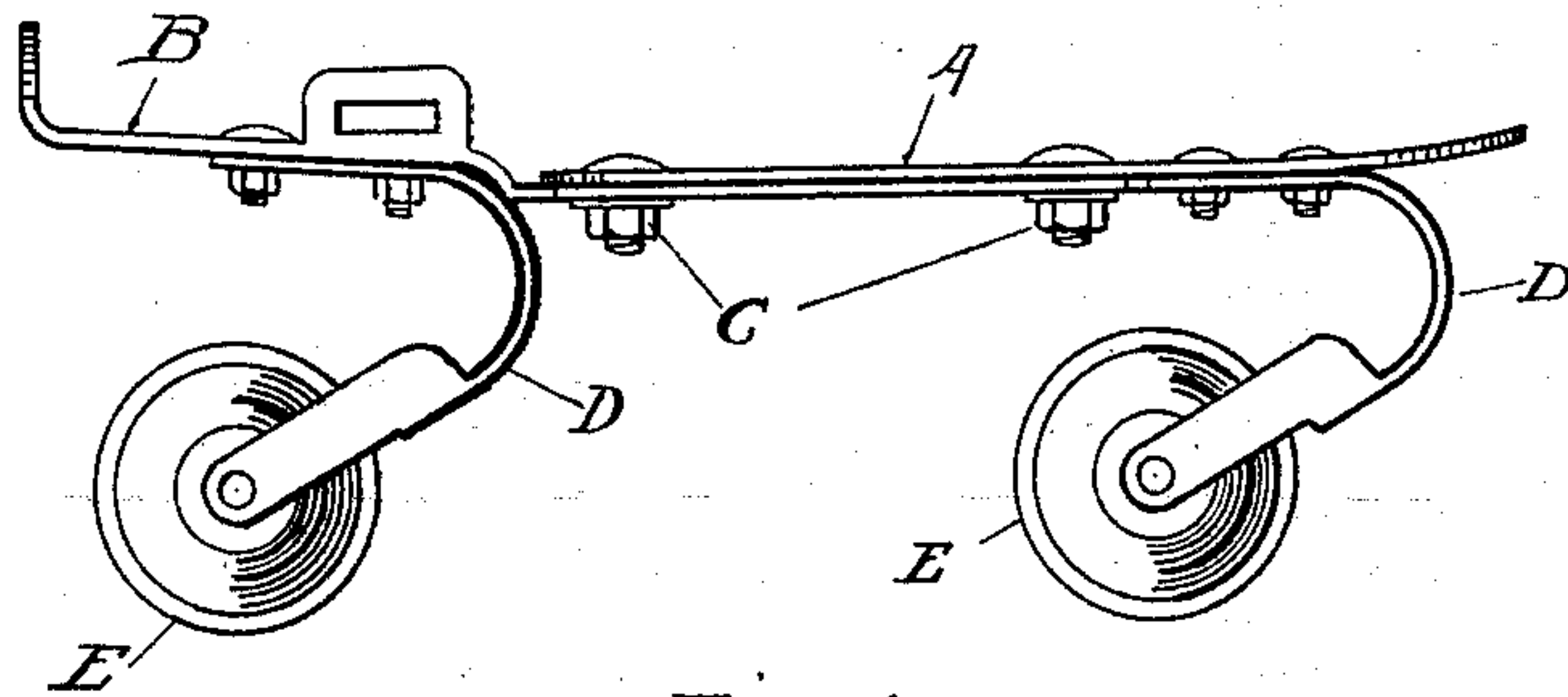


Fig 1

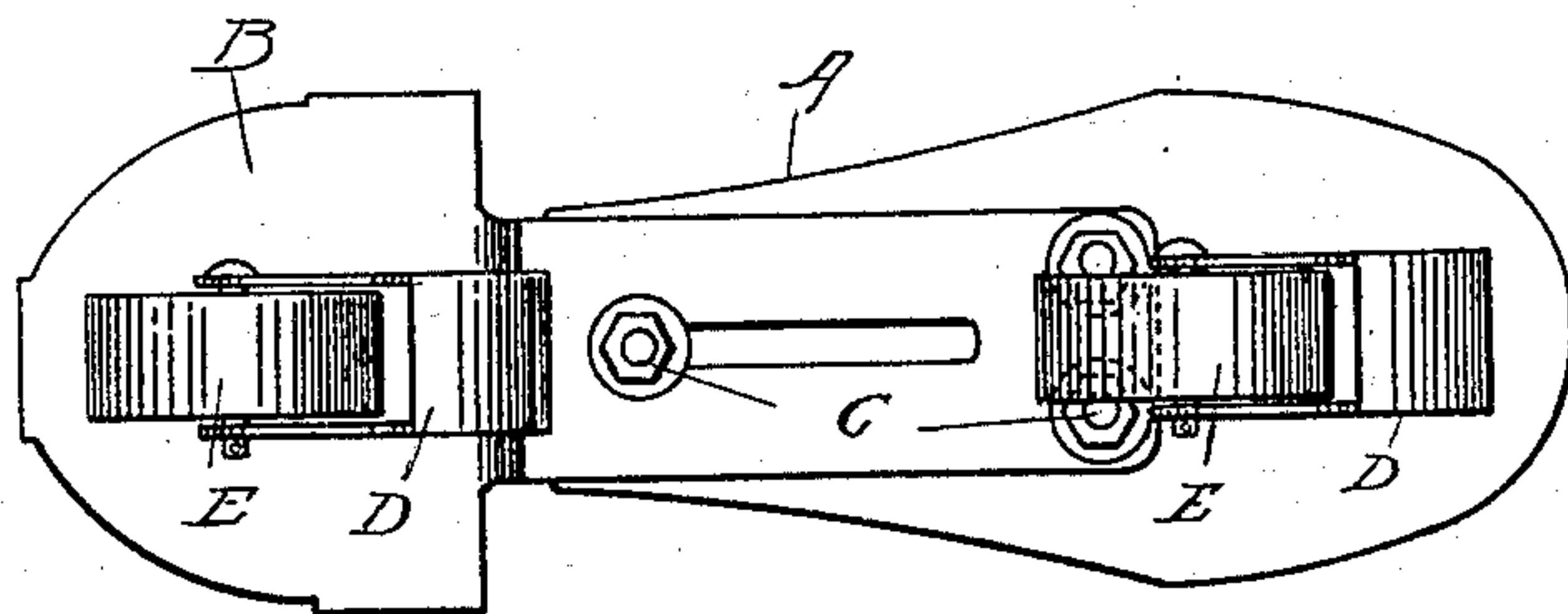


Fig 2

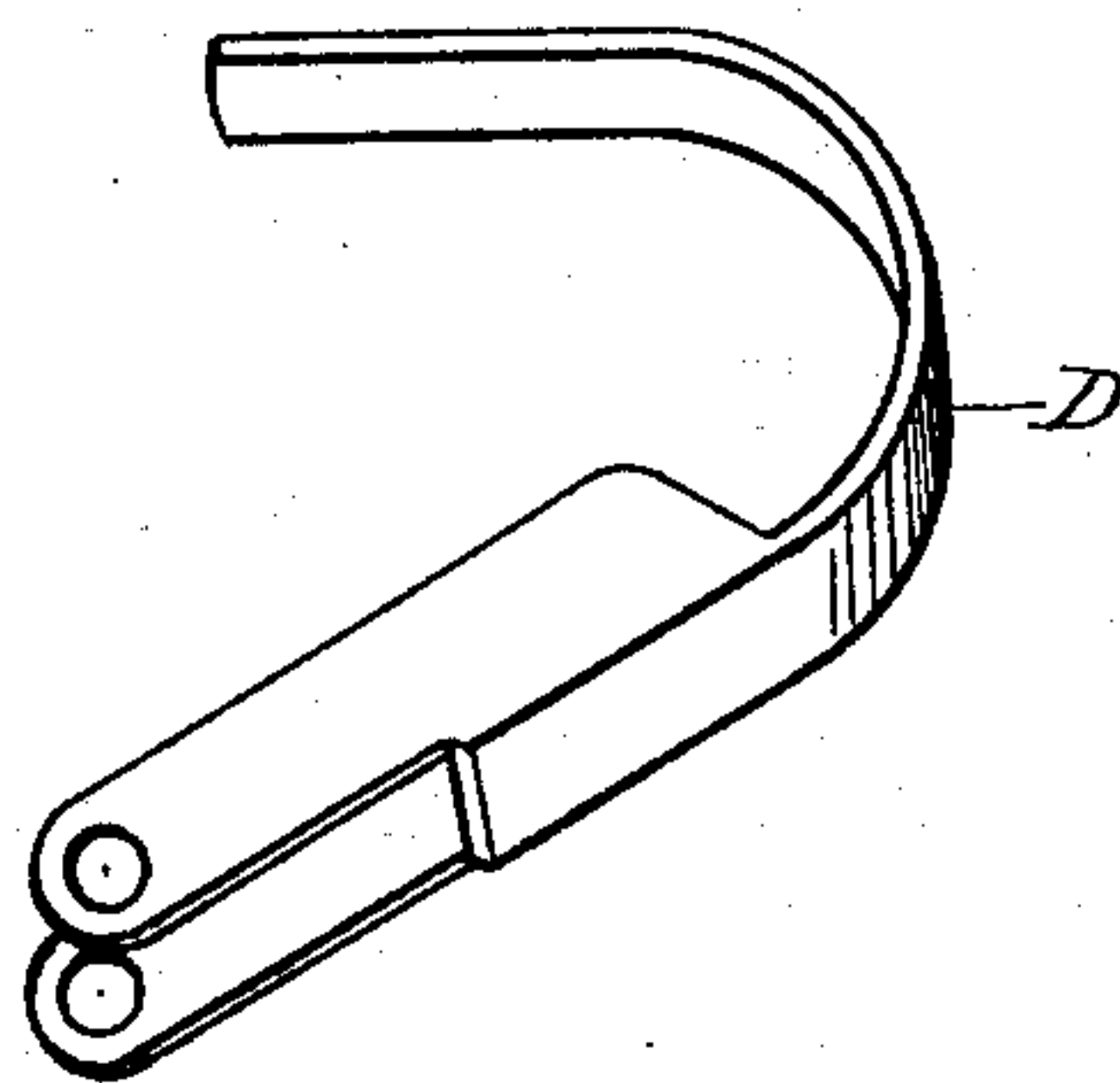


Fig 3

Witnesses
Walter Snyder
J. W. Chadwick

Inventor
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UNITED STATES PATENT OFFICE.

FRANK J. SULKE, OF PHILADELPHIA, PENNSYLVANIA.

ROLLER-SKATE.

SPECIFICATION forming part of Letters Patent No. 604,179, dated May 17, 1898.

Application filed August 14, 1897. Serial No. 648,259. (No model.)

To all whom it may concern:

Be it known that I, FRANK J. SULKE, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a certain new and useful Improvement in Roller-Skates, of which the following is a specification.

My invention relates to a new and useful improvement in roller-skates, and has for its object to so construct devices of this description as to render the tread thereof elastic, while at the same time not interfering with the action of the skate.

With these ends in view this invention consists in the details of construction and combination of elements hereinafter set forth, and then specifically designated by the claim.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, the construction and operation will now be described in detail, referring to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a side elevation of a skate made in accordance with my improvement; Fig. 2, a bottom plan, and Fig. 3 a detail perspective of one of the hangers.

In carrying out my invention as here embodied, A represents the foot-plate of the skate, while B is the heel-plate thereof, and these two plates are adjustably secured together by means of the bolts and nuts C, or this portion of the skate may be made in any other manner, while depending therefrom are the hangers D, each consisting of a flat strip of metal widened and slotted at one end, the sides of said widened end being turned up

parallel with each other, and between these sides is journaled a roll E. The roll end of the hanger is curved down and back at an acute angle to the other portion of the strip, which is secured to the body of the skate, as shown in Fig. 1 of the drawings. This arrangement gives to the hangers a spring action and a drag in the direction of the forward movement of the skate, so that the person using such a skate will experience a soft and cushioned tread when bringing first one and then the other skate into active use. Another advantage of this construction is that the sidewise pressure upon the rolls will be slightly modified by the torsional action of the hangers, thus giving an exceedingly graceful and effective movement to the user.

Having thus fully described my invention, what I claim as new and useful is—

In combination with a skate, hangers, each consisting of an elongated strip of metal widened and slotted at one end, the sides of said widened end being turned up parallel with each other, said end being turned down and back at an acute angle to the other portion of the strip, which is secured to the under side of the skate, whereby a spring action is produced also a drag in the direction of the forward movement of the foot, a roller journaled between said upturned sides, as and for the purpose described.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

FRANK J. SULKE.

Witnesses:

S. S. WILLIAMSON,
SAMUEL L. TAYLOR.