

No. 876,093.

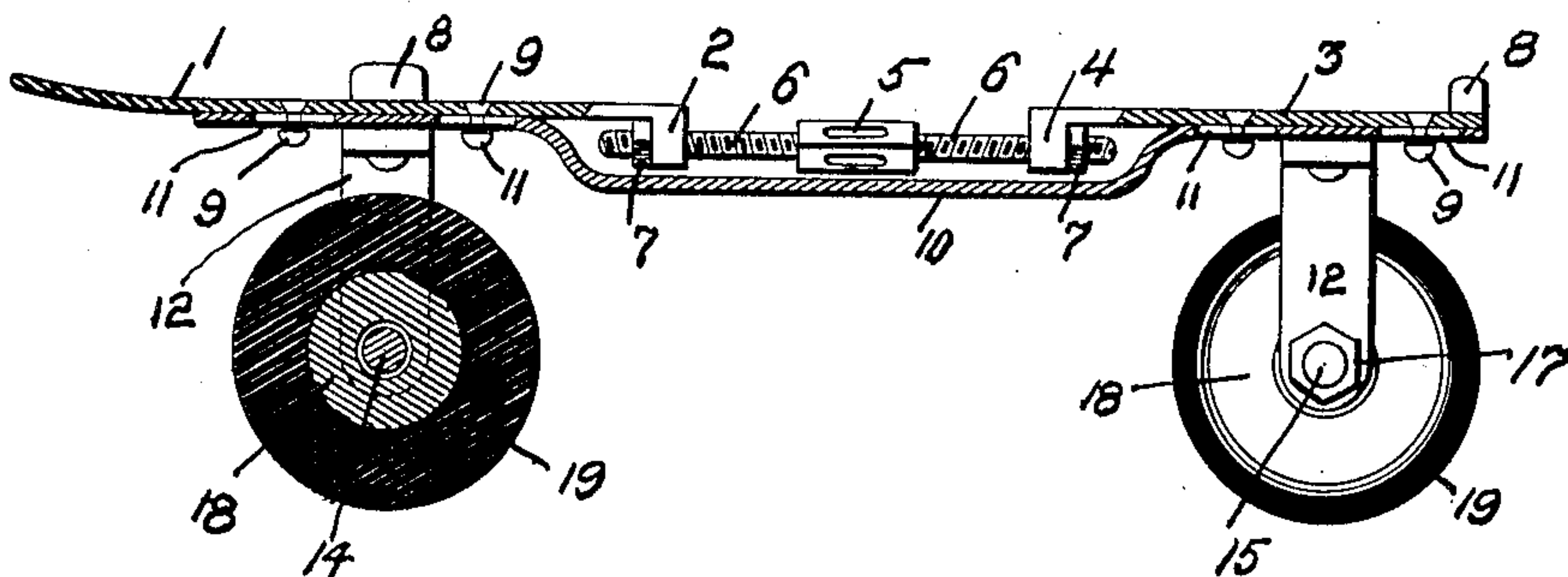
PATENTED JAN. 7, 1908.

P. M. RULLI & J. V. MARTRANO.

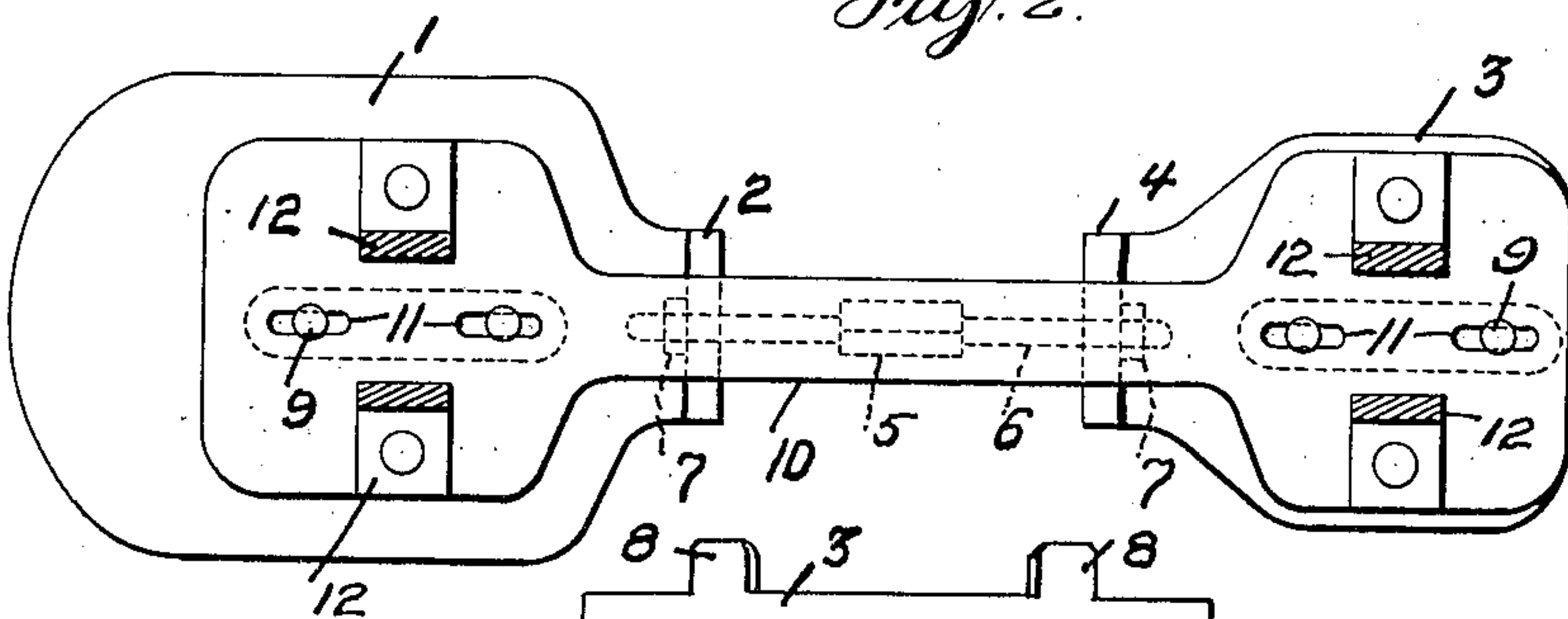
ROLLER SKATE.

APPLICATION FILED AUG. 23, 1907.

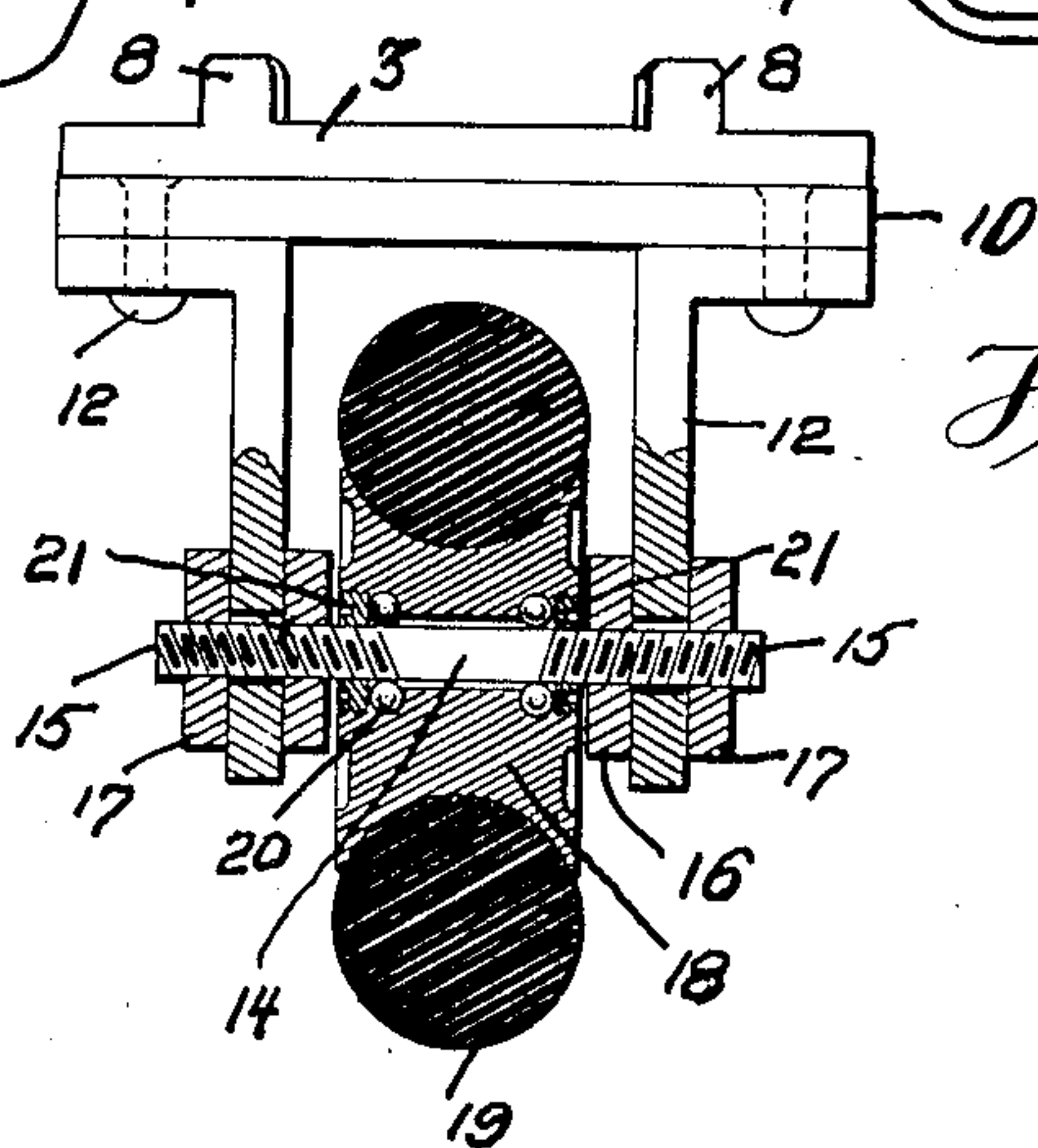
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Inventors

P. M. RULLI & J. V. MARTRANO

Witnesses

E. J. Goggin

A. H. Butler

By

A. C. Evans & Co.

Attorneys



# UNITED STATES PATENT OFFICE.

PETER M. RULLI AND JOHN V. MARTRANO, OF NEW HAVEN, PENNSYLVANIA.

## ROLLER-SKATE.

No. 876,093.

Specification of Letters Patent.

Patented Jan. 7, 1908.

Application filed August 23, 1907. Serial No. 389,885.

*To all whom it may concern:*

Be it known that we, PETER M. RULLI and JOHN V. MARTRANO, citizens of the United States of America, residing at New Haven, in the county of Fayette and State of Pennsylvania, have invented certain new and useful Improvements in Roller-Skates, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to improvements in roller skates, and the invention has for its primary object to provide a novel two-wheel ball bearing skate.

Another object of this invention is to provide a simple and inexpensive roller skate that can be easily adjusted to fit upon shoes of various sizes.

With the above and other objects in view, the invention consists in the novel construction, combination and arrangement of parts to be hereinafter more fully described and then specifically pointed out in the appended claims.

In the drawings, Figure 1 is a longitudinal sectional view of the skate, partly in elevation, Fig. 2 is a horizontal sectional view of the skate, illustrating a bottom plan of the body of the skate, and Fig. 3 is a cross sectional view of the skate partly in elevation.

In the accompanying drawings, 1 designates a sole plate having a contracted depending end 2. 3 designates a heel plate having a contracted depending end 4. The ends 2 and 4 are connected together by a conventional form of turn buckle 5 and screw 6, said screws being retained in the depending ends 2 and 4 of the plates 1 and 3, by nuts 7.

The plates 1 and 3 are provided with upwardly extending lugs 8 for engaging the edges of the sole and heel of a boot or shoe and thus clamp the skate thereto and are provided with depending headed rivets 9 by which a plate is connected to the plates 1 and 3. The connecting plate is provided with a central contracted and counter-sunk portion 10, while its ends are slotted as at 11, to receive the shanks of the headed rivets 9.

The connecting plate is provided with depending bearings 12, which are riveted or otherwise secured to said connecting plate. In the bearing 12 are mounted axles 14 hav-

ing threaded ends 15 for nuts 16 and 17, the nuts 16 being located upon the inner sides of the bearings, while the nuts 17 are located upon the outer sides of said bearings. These nuts are adapted to firmly hold the axles 14 within the bearings.

Upon each axle is revolubly mounted a wheel 18 having a solid rubber tire 19. Each wheel has its sides recessed for ball bearings 20, these ball bearings being retained within the recesses of the wheel by threaded heads 21, which are screwed in the recesses of said wheel by a spanner wrench (not shown) or similar instrument, prior to the axles 14 of said wheels being placed in the bearings 12. In providing a rubber tired wheel for roller skates, we dispense with the noise incurred by the roller skates in action, also preventing sliding or skidding when a skater is rounding a curve.

Our improved roller skate also permits of more graceful skating and figures being described which are impossible with a four-wheel roller skate.

We do not care to confine ourselves to the manner of fastening the skate upon a shoe, as straps or similar devices can be used. It is thought that the manner of adjusting sole and heel plates to fit various sizes of shoes will be understood.

Having now described our invention what we claim as new, is:—

A roller skate embodying a sole plate and a heel plate each having a depending end, a screw mounted in said depending ends for adjusting said plates towards and away from each other, headed pins carried by each of said plates, a connecting plate having slots receiving the shanks of said headed pins and having a depressed intermediate portion receiving the depending ends of the sole and heel plates and the adjusting screw, brackets fixedly secured to the connecting plate adjacent each end thereof, axles carried by said brackets, and rollers mounted on said axles.

In testimony whereof we affix our signature in the presence of two witnesses.

PETER M. RULLI.

JOHN V. MARTRANO.

Witnesses:

WM. S. YAND,

L. G. HERBERT.