

No. 889,637.

PATENTED JUNE 2, 1908.

W. F. ROWELL.

STOOL.

APPLICATION FILED JUNE 12, 1907.

2 SHEETS—SHEET 1.

Fig. 1.

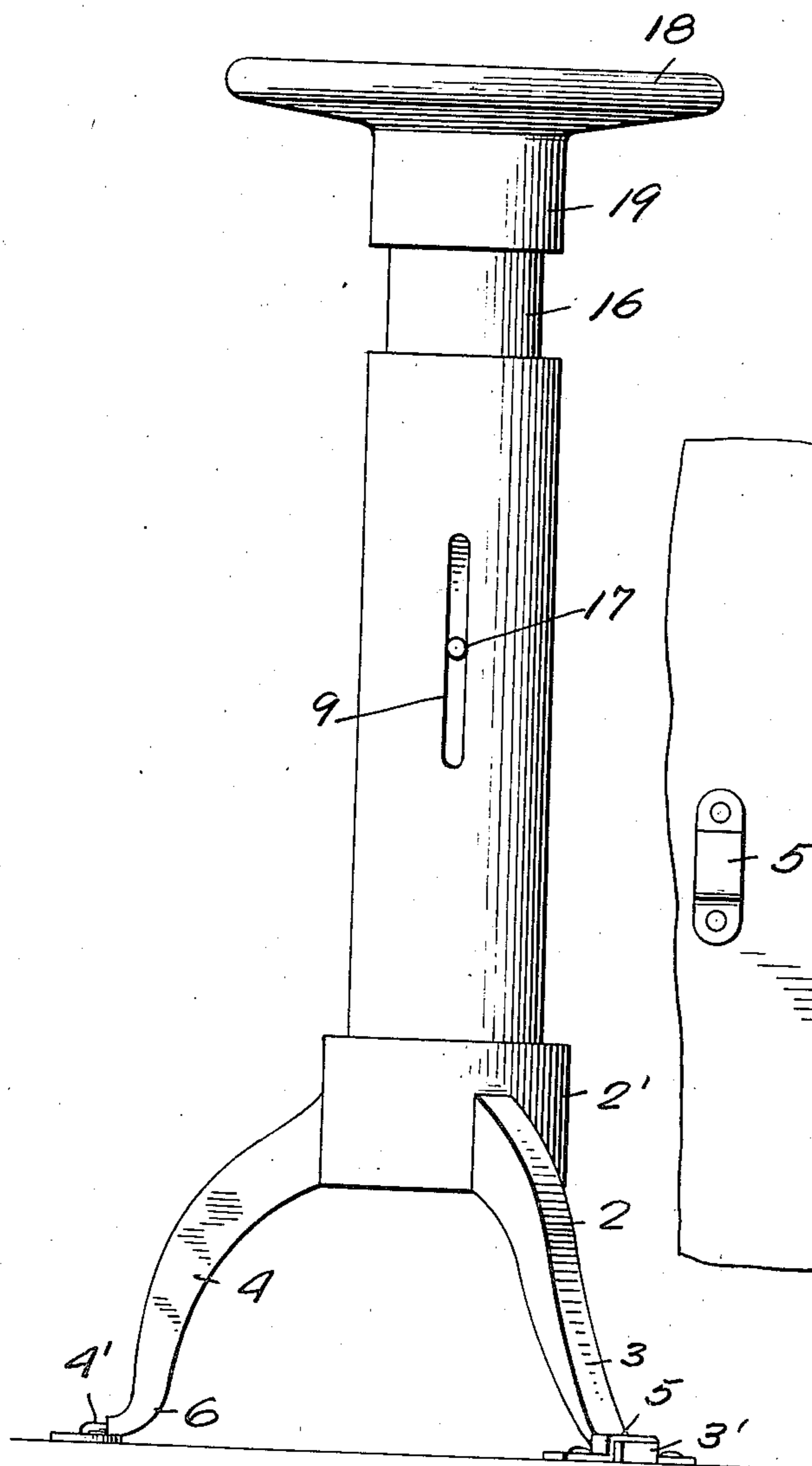
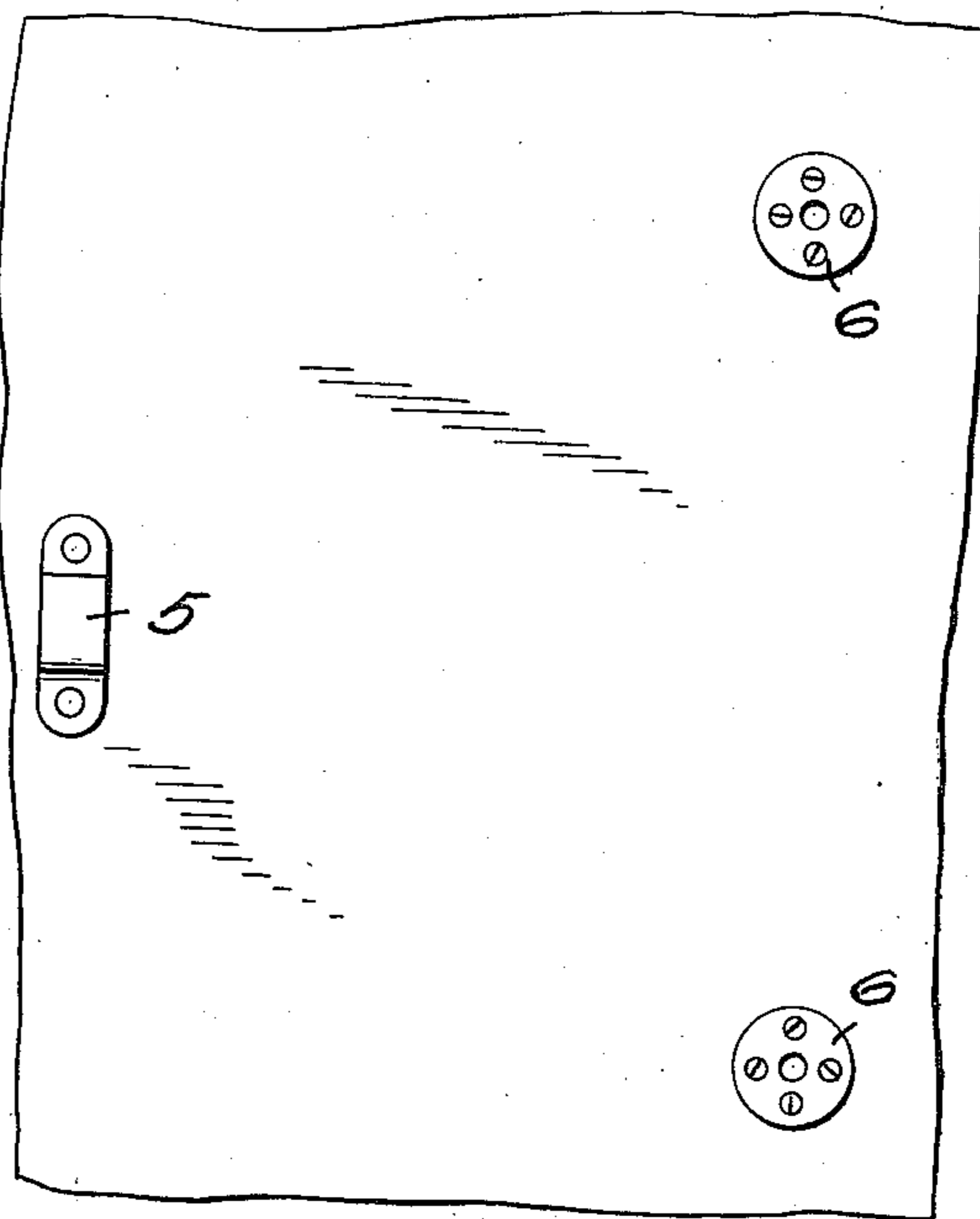


Fig. 3.



Witnesses

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2 SHEETS—SHEET 2.

Fig. 2.

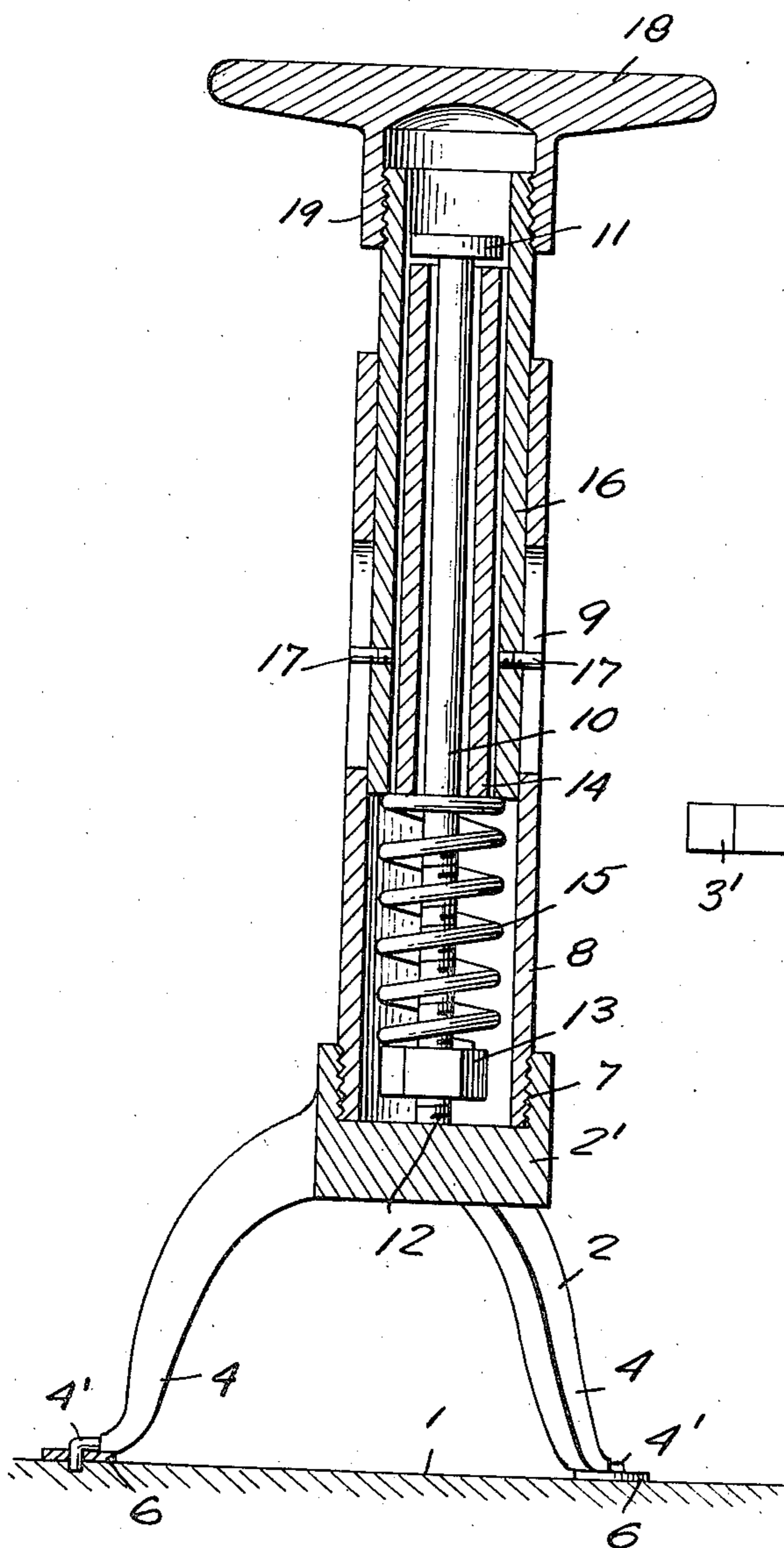
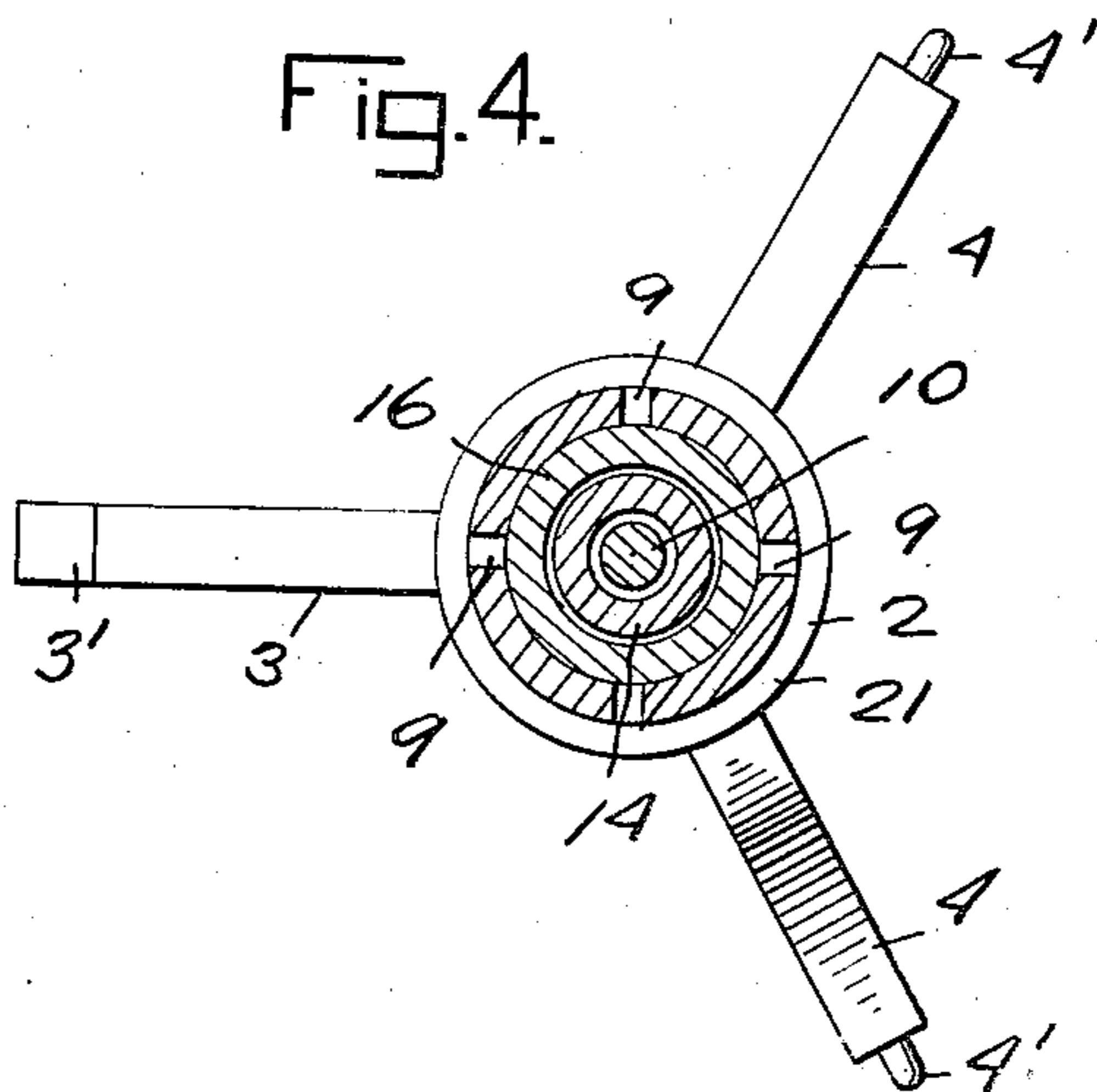


Fig. 4.



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UNITED STATES PATENT OFFICE.

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STOOL.

No. 889,637.

Specification of Letters Patent.

Patented June 2, 1908.

Application filed June 12, 1907. Serial No. 378,606.

To all whom it may concern:

Be it known that I, WILLIAM F. ROWELL, a citizen of the United States, residing at Salem Depot, in the county of Rockingham, State of New Hampshire, have invented certain new and useful Improvements in Stools; 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 new and useful improvements in stools, and more particularly it has reference to a stool for use in stores, lunch-rooms, and street-cars, the invention including a spring suspension for the seat post.

In connection with a stool of the above type the invention aims as a primary object to provide a novel construction, combination and arrangement of parts, the details of which will appear in the course of the following description, in which reference is had to the accompanying drawings forming a part of this specification, like characters of reference designating similar parts throughout the several views, wherein:

Figure 1 is a side elevation of a stool constructed in accordance with the present invention. Fig. 2 is a central longitudinal section thereof. Fig. 3 is a plan view of the floor, and Fig. 4 is a detailed top plan view partly in section of a supporting pedestal embodied in the invention.

Referring specifically to the accompanying drawings, the numeral 1 designates a floor, car platform or other support and the numeral 2 designates a pedestal, which has a leg 3 with a horizontal portion 3' and two legs 4 with depending angular lugs 4'. The pedestal 2 is formed with a centrally located collar 2' interiorly threaded as at 7, and engaged with the threaded lower end of a tubular member 8, formed with opposed longitudinal slots 9. Said pedestal has the horizontal portion 3' of its leg 3 engaged through a strap 5 secured to the floor 1 and the lugs 4' of its legs 4 engaged through gromets 6, surrounding openings provided in said floor. Disposed within the member 8 is a rod 10 having at its upper end a head 11, and having its lower end threaded as at 12 to re-

ceive a nut 13. Surrounding the rod 10 is a sleeve 14, between the lower end of which and the nut 13 an expansive coil cushioning spring is interposed. The sleeve 14 constitutes a spacing element and the nut 13 a means for adjusting the tension of the spring 15, the coils of which are of greater diameter than said sleeve. The seat post is constituted of a tubular member 16 which is slidably disposed within the member 9 and which bears against and rests on the upper end of the spring 15, the post 16 being provided with laterally projecting pins 17 which project through the slots 9 and center said post in its sliding movement, at the same time preventing rotation thereof with relation to the seat. The seat is designated by the numeral 18 and is formed with an interiorly threaded depending boss 19 which surrounds the post 16. By means of the boss 19 the seat may be adjusted to selected elevations.

A seat constructed in accordance with the invention, while it may be employed in connection with stationary structures is especially advantageous in connection with portable structures, such as tramway cars and by virtue of the provision of the spring 15, vibrations and shocks will be taken up, the post 16 yielding upon said spring as will be readily understood.

A seat constructed in accordance with the present invention is simple, inexpensive to manufacture and practical and efficient in use.

From the foregoing description it will be seen that simple and efficient means are provided for accomplishing the objects of the invention, but while the elements herein shown and described are well adapted to serve the functions set forth, it is obvious that various minor changes may be made in the proportions, shape and arrangement of the several parts, without departing from the spirit and scope of the invention as defined in the appended claim.

What is claimed is:

A device of the type set forth, comprising a stationary tubular member, a supporting base therefor, a rod within said member having its lower end disposed on said base, said rod being formed at its upper end with a head,

a nut threaded upon said lower end, a spring imposed on said nut and surrounding said rod, a sleeve surrounding said rod between said spring and said head, a tubular seat post disposed within said member, and bearing against the upper end of said spring, a seat adjustably carried by said post, said tubular member being formed with a longitudinal

slot and a guide pin carried by said post and projected through said slot.

In testimony whereof, I affix my signature, in presence of two witnesses.

WILLIAM F. ROWELL.

Witnesses:

FRANK D. WILSON,
W. D. PULVER.