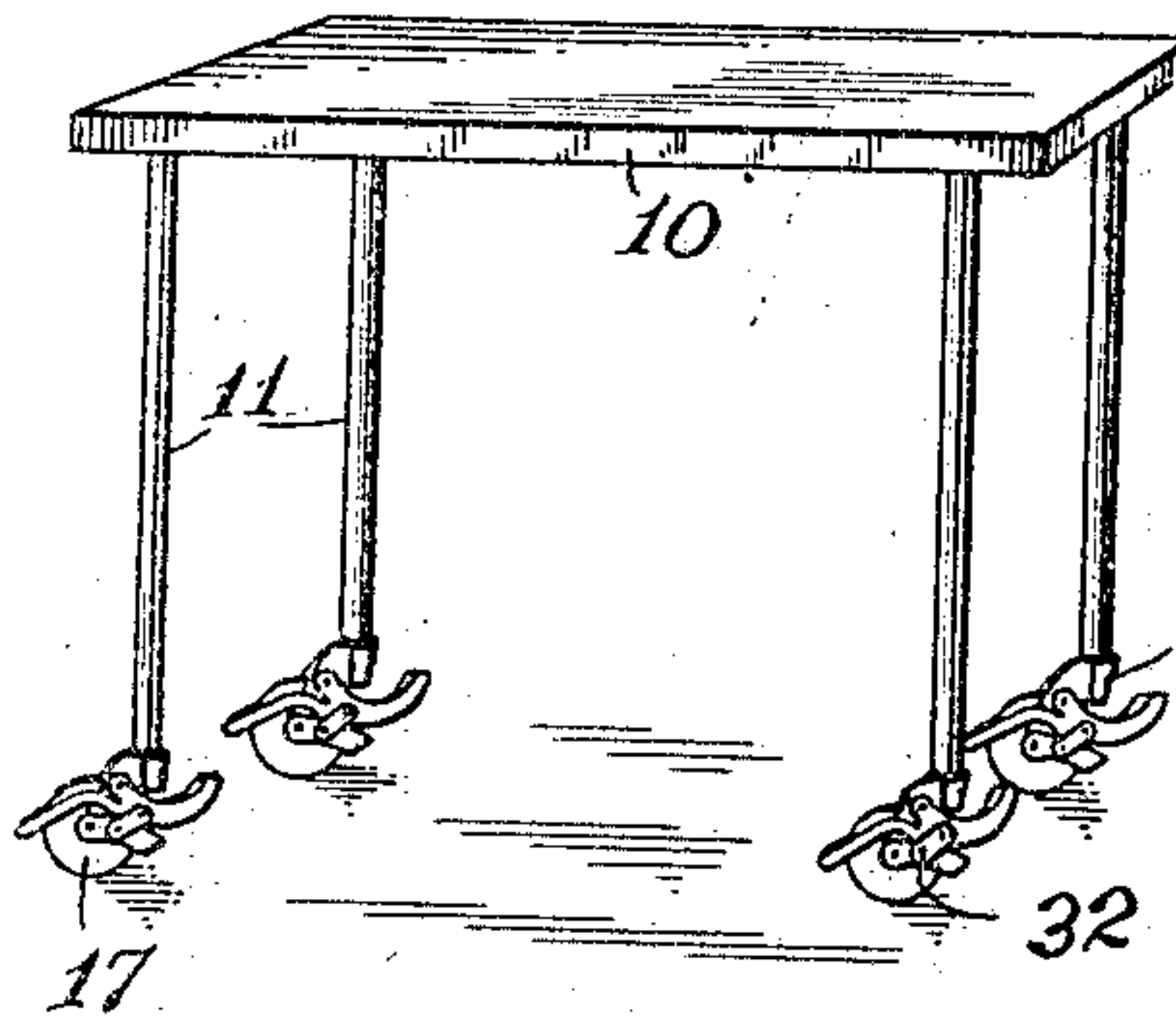


A. TAUBERT.  
 CASTER FOR OPERATING TABLES.  
 APPLICATION FILED JULY 7, 1909.

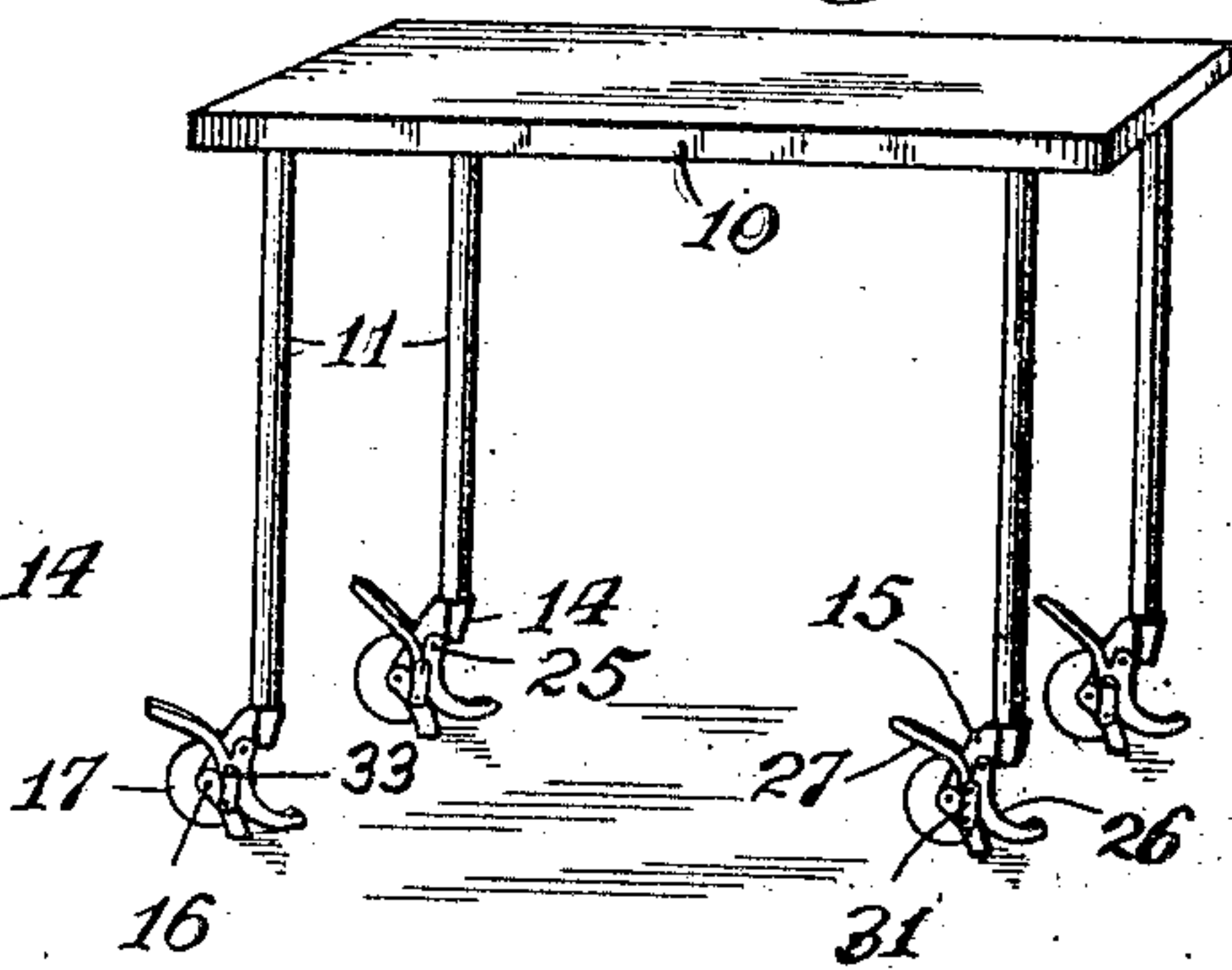
950,545.

Patented Mar. 1, 1910.

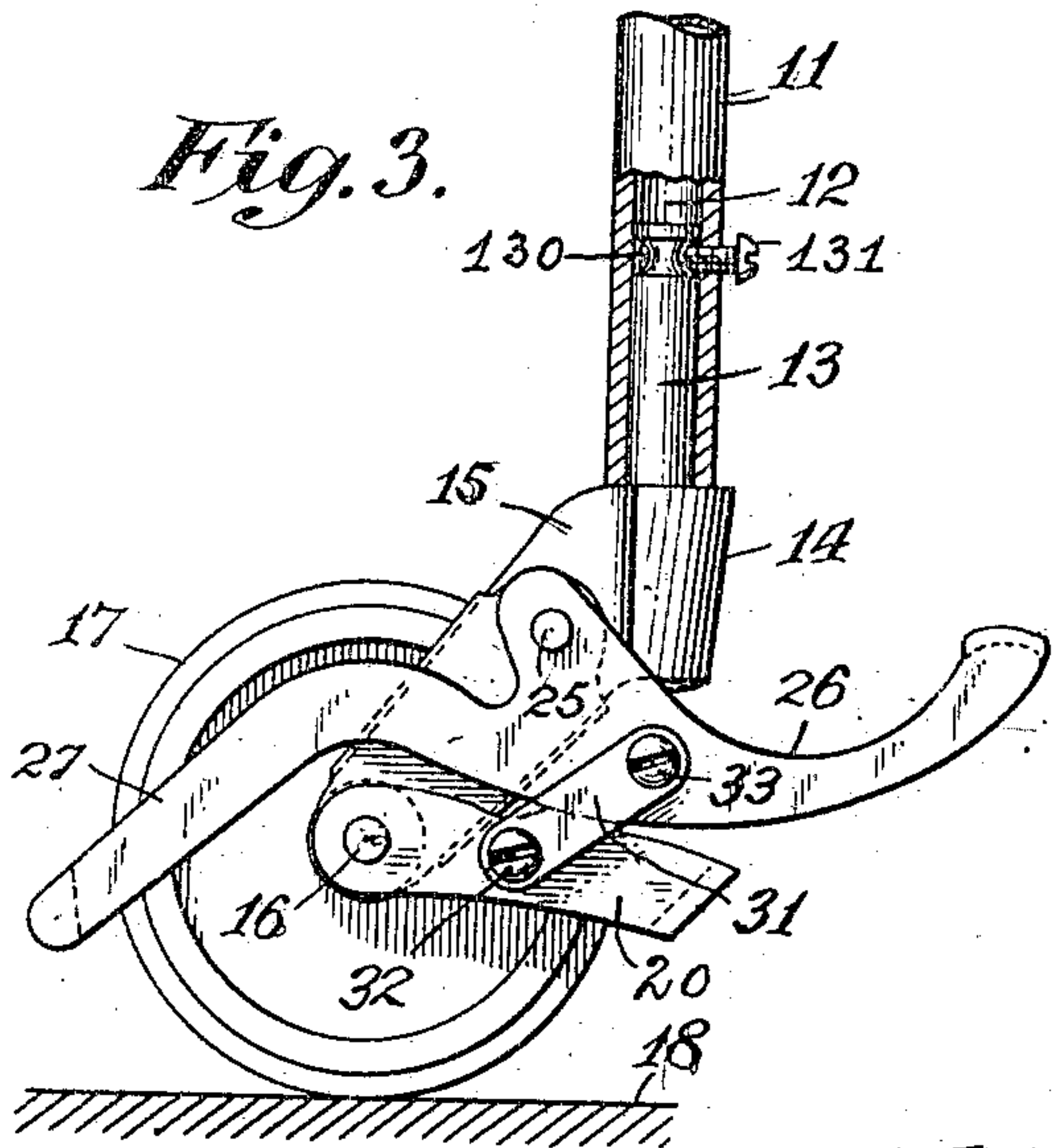
*Fig. 1.*



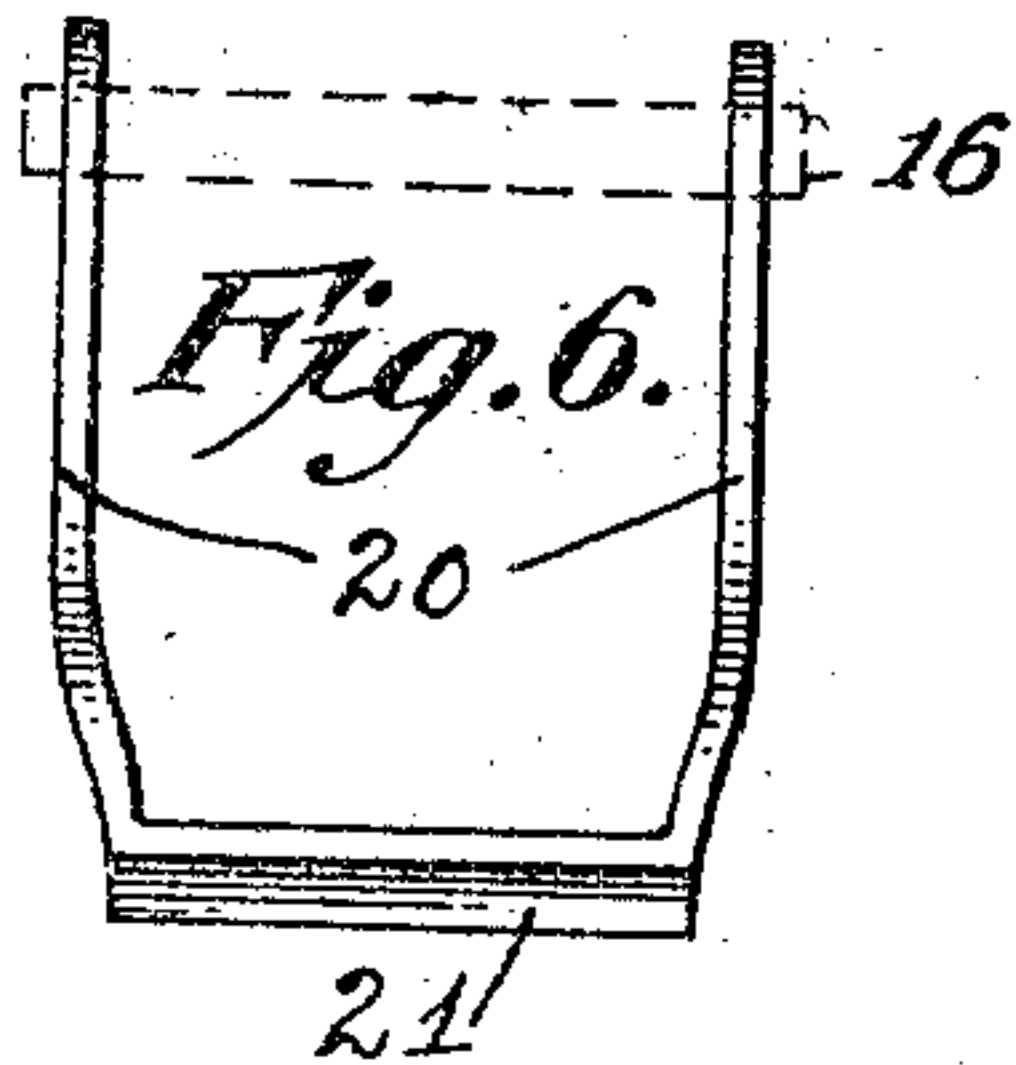
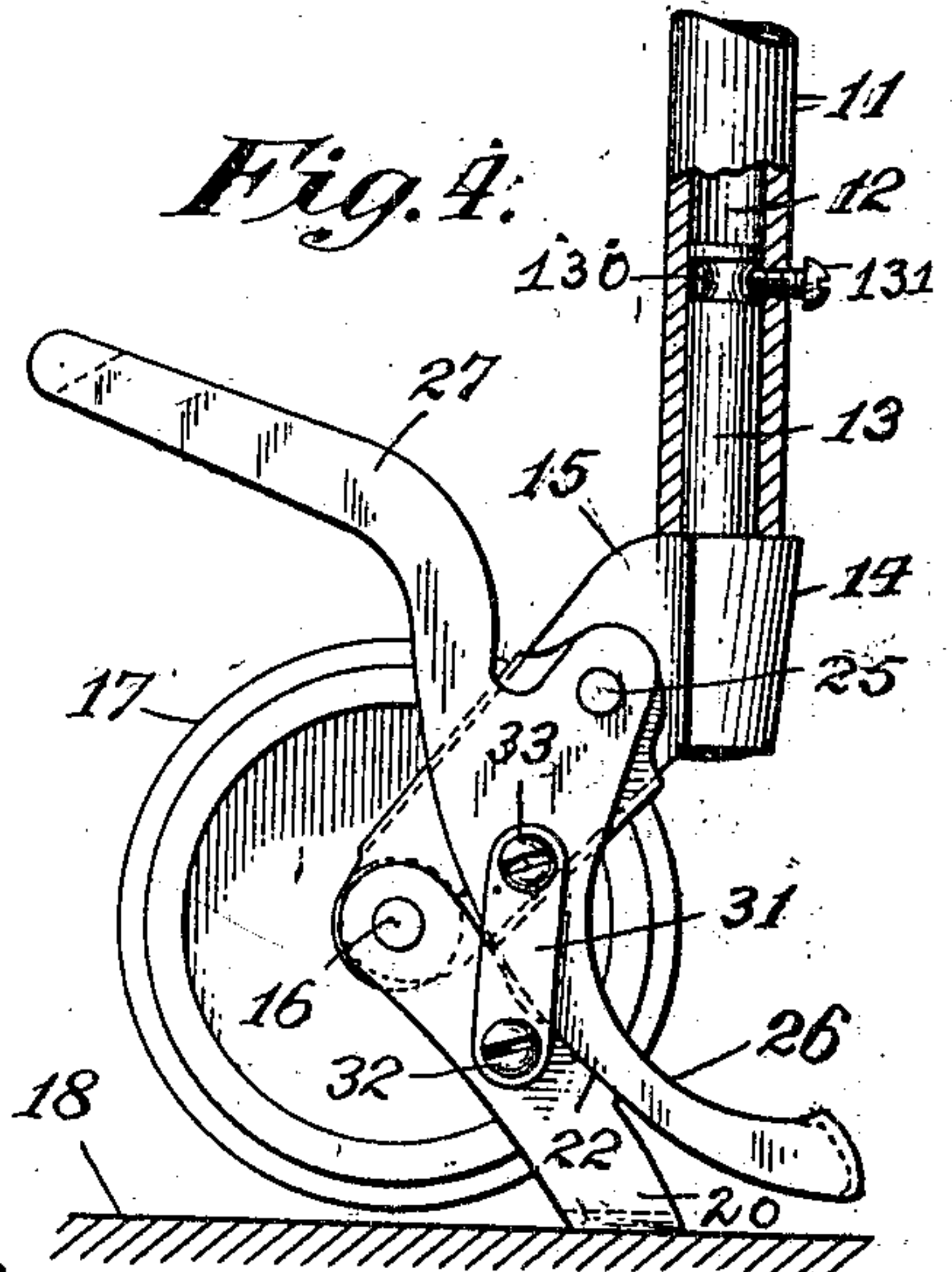
*Fig. 2.*



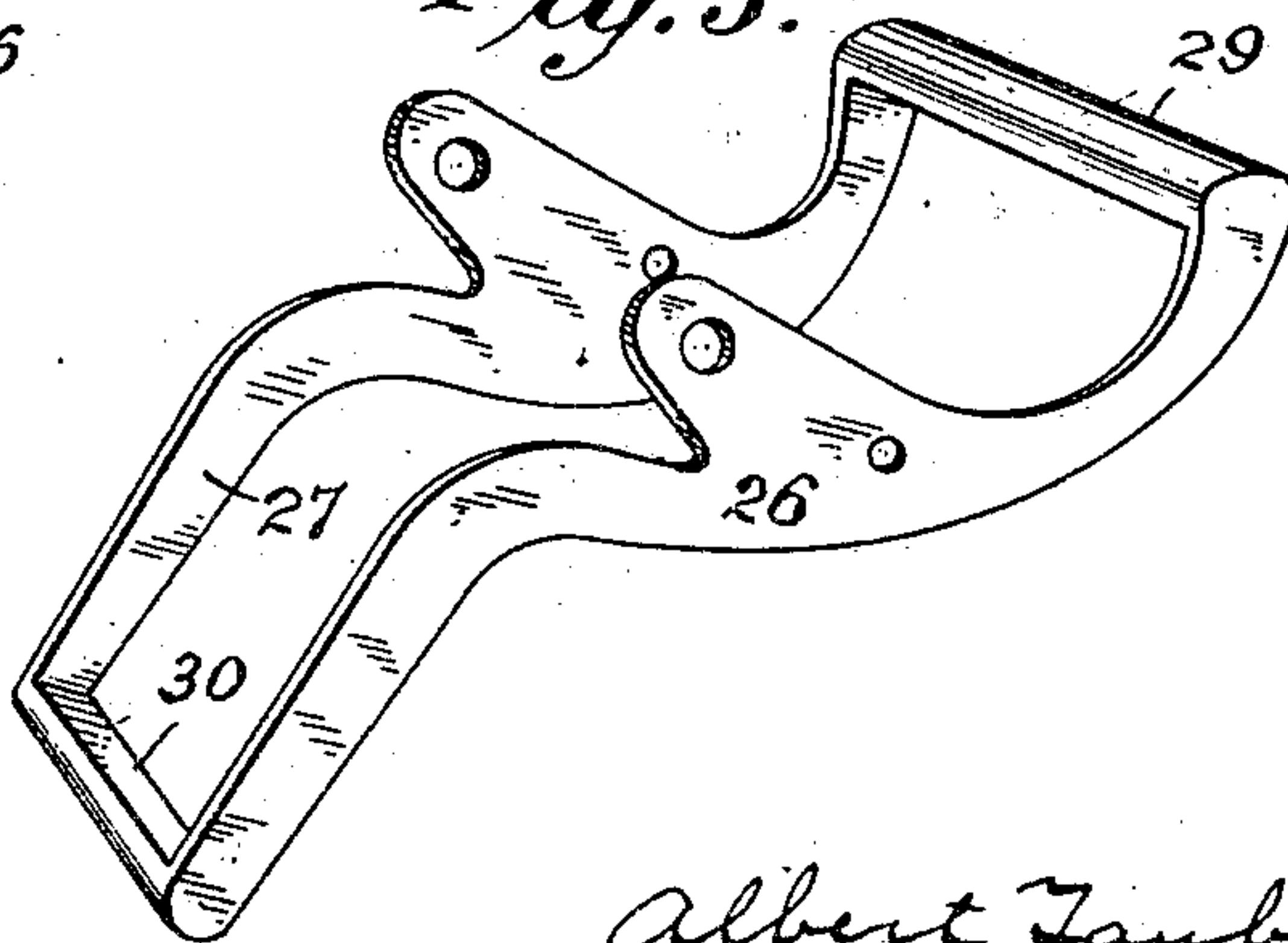
*Fig. 3.*



*Fig. 4.*



*Fig. 5.*



Attest:  
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Inventor:  
*Albert Taubert*  
 by *Wm R. Baird* his Atty.



# UNITED STATES PATENT OFFICE.

ALBERT TAUBERT, OF NEW YORK, N. Y., ASSIGNOR TO THE KNY SCHEERER COMPANY,  
OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

## CASTER FOR OPERATING-TABLES.

950,545.

Specification of Letters Patent.

Patented Mar. 1, 1910.

Application filed July 7, 1909. Serial No. 506,439.

*To all whom it may concern:*

Be it known that I, ALBERT TAUBERT, a citizen of the United States, and resident of the borough of Manhattan, city, county, and State of New York, have invented certain new and useful Improvements in Casters for Operating-Tables, of which the following is a specification.

This invention relates to casters for operating tables, and the like, and its novelty consists in the construction and adaptation of the parts as will be more fully hereinafter pointed out.

In the drawings, Figure 1 is a miniature perspective of a table provided with the invention and showing the casters resting on the floor; Fig. 2 is a similar view of the same table showing the casters lifted from the floor; Fig. 3 is an enlarged side elevation and partial vertical section (through the table leg) showing a single caster resting on the floor, and Fig. 4 is a view similar to Fig. 3 showing the casters lifted from the floor; Fig. 5 is a perspective view of the operating lever and Fig. 6 is a detail of the leg support.

In the drawings, 10 is a table or similar device provided with depending legs 11. Each leg is provided with an upwardly extending recess 12 adapted to receive the shank 13 of a caster frame 14, which frame comprises rigid forks 15, which depend obliquely from the shank and which, near their lower extremities, are provided with a transverse rod 16 constituting the axle of a disk roller 17, which is the caster proper. The shank 13 is grooved at any suitable place, as at 130, and a set screw 131, adapted to pass through a suitable aperture in the table leg 11 to engage this groove, enables each caster shank to be rotatably adjusted within the leg and to be secured in place after such adjustment. The device so far described constitutes a complete caster with a rotatably adjustable connection to the table.

Adapted to swing on the rod 16 is a leg supporting member comprising two side plates, 20, one on each side of the roller 17, and which plates are connected together by a cross piece 21, the outer lower surface of which is perfectly flat and which rests upon the floor (indicated at 18 in Figs. 3 and 4) when the parts are in the position shown in Figs. 2 and 4, and the casters are raised from

the floor. The upper edge of each plate 20 is provided with a curved surface 22 adapted to contact with the cooperating lower edge of the side plates of the operating lever presently to be described.

Two pivots, 25, project from the frame 14, one on each side thereof. On these pivots there is adapted to swing an operating lever 26 which comprises two curved side plates 27 and two terminal transverse cross-plates 29 and 30.

Two links 31, one on each side of the caster frame, and each pivoted to one of the side plates 20 of the leg support by a screw pivot 32, and also to one of the side plates 27 of the operating lever by a similar screw pivot 33, serve to connect these parts together.

Normally, when the caster rollers rest upon the floor, the casters and the connected parts are in the positions shown in Figs. 1 and 3. In these positions the upper transverse plate 29 of the operating lever is above the lower transverse plate 30 of the same lever. The caster frame rests upon and is supported from the rod 16 and the table is free to be moved on its casters, in the usual manner. Now, supposing that the table has been moved to the place where it is desired to be employed and it is then desired to lift the casters from the floor, the operator presses down upon the transverse rod 29 of the operating lever, preferably with his foot, and this swings the operating lever into the position shown in Fig. 4, the lower edge of the plate 27 contacting with the surface 22 of each plate 20 to press the leg support firmly down upon the floor. At the same time the link 31 is so moved by the oscillation of the operating lever around the pivots 26 that the pivot screw 33 passes beyond and on the other side of a plane passing through the axes of the pivots 25 and screw pivots 32 forming a rigid joint or connection through the link between the caster frame 14 and the leg support 22 and lifting the roller 17 from the floor. When it is desired to re-set the caster rollers on the floor, the operator places his foot upon the transverse bar 30 and pushes it downward, whereupon the link 31 is swung to the right of the plane passing through the pivots 25 and 32 and the parts are at once restored to the position shown in Fig. 3. In other words, the links connecting the leg supporting frame



and the operating lever or frame, form with the caster frame a toggle joint which can be locked and unlocked by the oscillation of the operating lever.

5 What I claim as new is:—

1. In a device of the character described, a caster frame, a support pivoted thereto, and means for moving said support on its pivot to lift the frame, comprising a link pivoted to the support, and a pivotal connection between the link and the frame.

2. In a device of the character described, a caster frame, a support pivotally connected with the frame, and means for moving said support to lift the frame, comprising a link, a pivotal connection between the link and the support, and a double pivotal connection between the link and the frame, and a device for moving the position of one of the pivots last mentioned.

3. In a device of the character described, a caster frame, a support pivotally connected with the frame and means for moving said support to lift the frame, comprising a link, a pivotal connection between the link and the support, and a double pivotal connection between the link and the frame.

4. In a device of the character described, a caster frame, a caster roller rotatably supported thereby, a leg support, a pivotal connection between it and the caster frame and means for moving it with respect to the caster frame to lift the latter, comprising a link, a pivot between it and the support and a pivot between it and the frame and a device for moving the position of the pivot last mentioned, including a lever.

5. In a device of the character described, a caster frame, a caster roller rotatably supported thereby, a leg support, comprising two side members and a transverse member, a pivotal connection between the support and the caster frame and means for moving it with respect to the caster frame to elevate the latter, comprising a link, a pivot between it and the support and a pivot between it and the frame, and a device for moving the position of the pivot last mentioned, including a lever.

6. In a device of the character described, a caster frame, a caster roller rotatably supported thereby, a leg support, comprising two side members and a transverse member, a pivotal connection between the leg sup-

port and the caster roller and means for moving it with respect to the caster frame to elevate the latter, comprising a link, a pivot between it and the support and a pivot between it and the frame.

7. In a device of the character described, a leg support comprising two side members and a transverse member having a flat outer surface normally oblique to the plane of the horizon.

8. In a device of the character described, a leg support comprising two side members and a transverse member having a flat outer surface normally oblique to the plane of the horizon, in combination with means for moving it into such plane.

9. In a device of the character described, a leg support comprising two side members and a transverse member having a flat outer surface normally oblique to the plane of the horizon, in combination with means for moving it into such plane, comprising pivots on which it is adapted to swing, a link by which it may be moved and means for moving the link.

10. In a device of the character described, a leg support comprising two side members and a transverse member having a flat outer surface normally oblique to the plane of the horizon, in combination with means for moving it into such plane, comprising pivots on which it is adapted to swing, a link by which it may be moved and means for moving the link, including an oscillating lever.

11. A caster frame comprising forks, a roller supported between them, a supporting frame adapted to swing on the forks of the caster frame, an operating frame adapted to swing on pivots on the caster frame, and links pivoted to both the supporting frame and operating frame by the movement of which the pivots connecting the links to the operating frame are moved from one side of the plane passing through the axes of the pivots of the operating lever and the axes of the pivots connecting the link to the supporting frame, to the other side of the same plane.

Witness my hand this 18th day of June, 1909, at New York, N. Y.

ALBERT TAUBERT.

Witnesses:

GEORGE WOHN,  
S. J. COX.