

W. SEEGER'S.
CARRIER.

APPLICATION FILED NOV. 9, 1907.

914,607.

Patented Mar. 9, 1909.

2 SHEETS—SHEET 1.

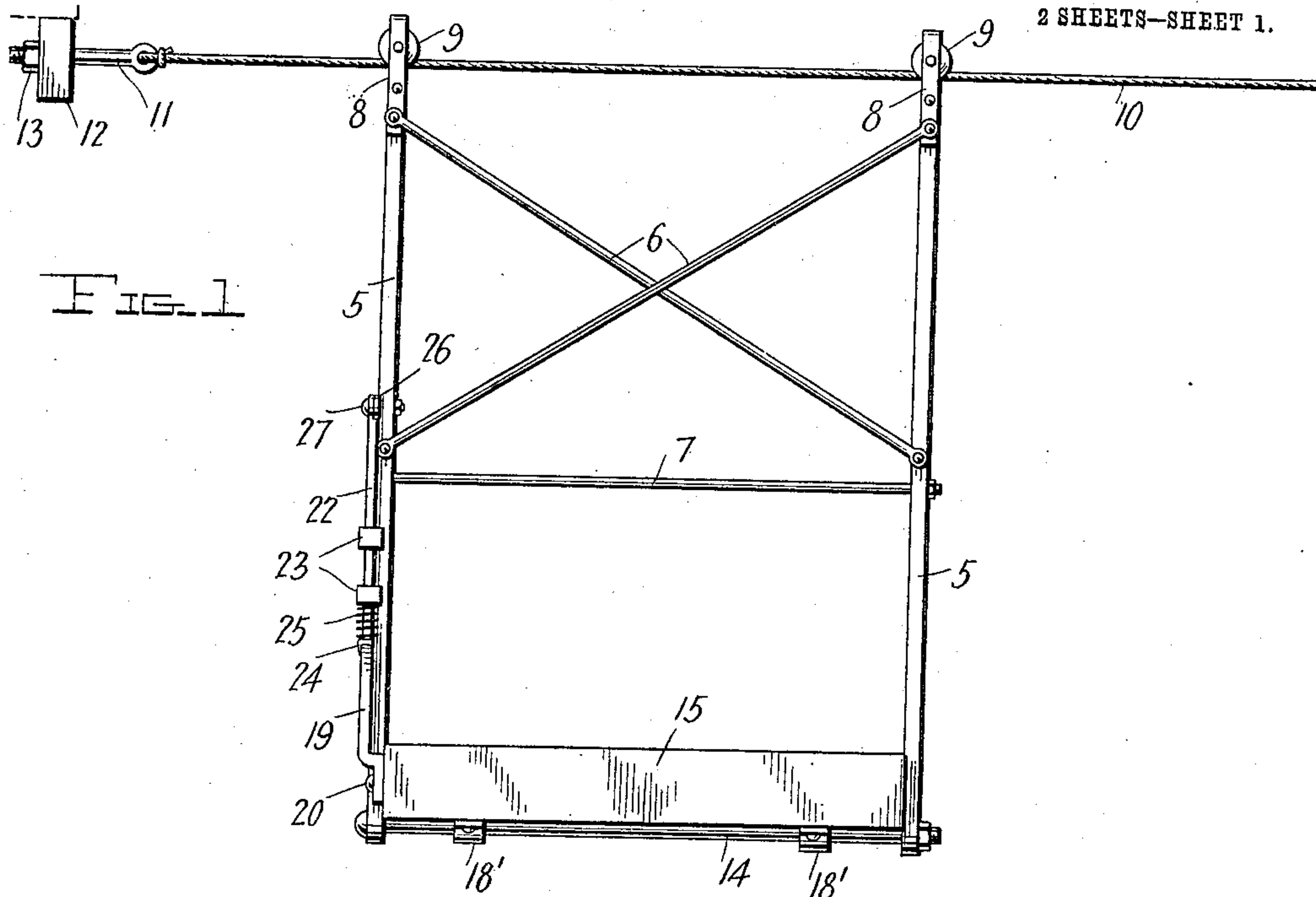


FIG. 1

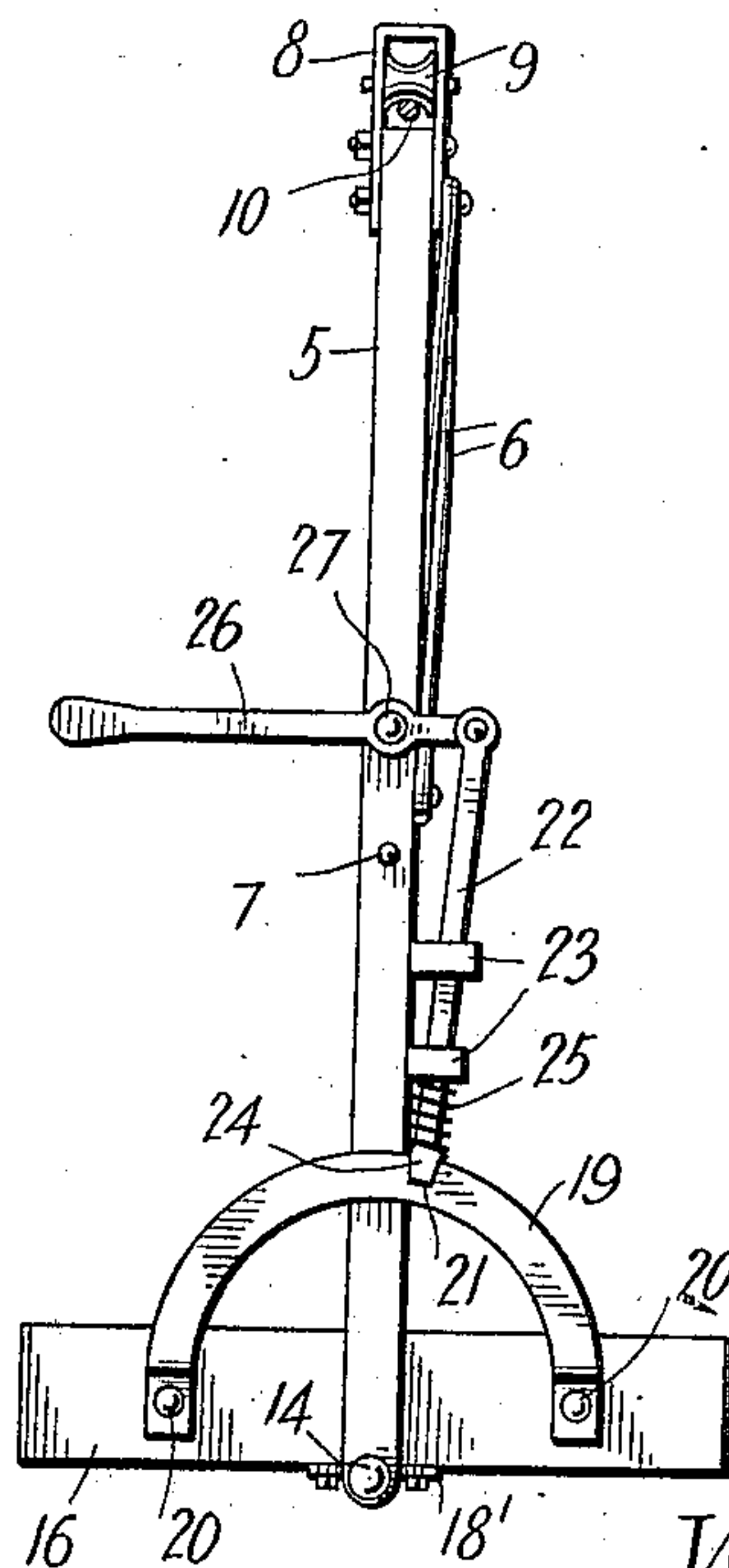


FIG. 2

Witnesses
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2 SHEETS—SHEET 2.

FIG. 3

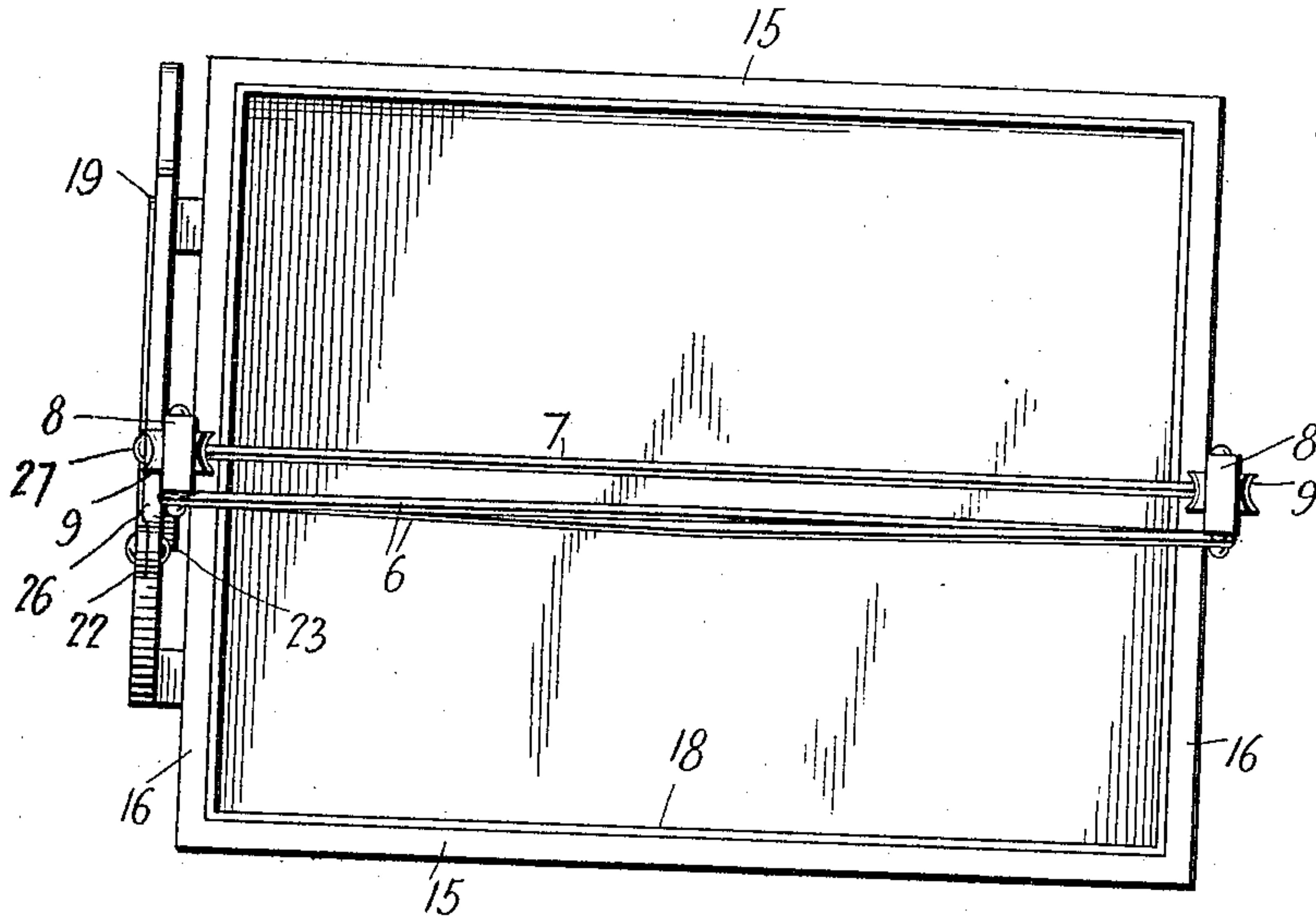
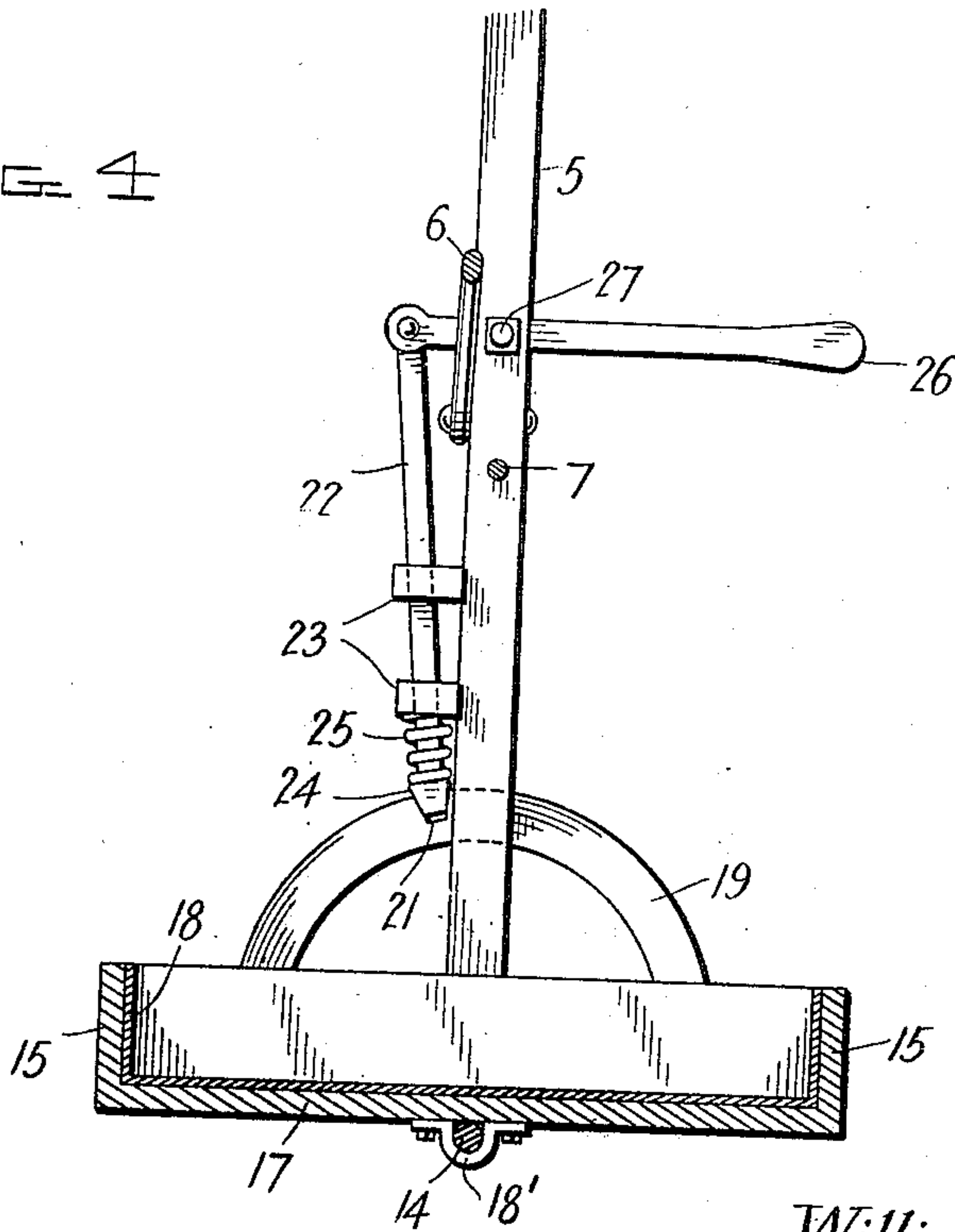


FIG. 4



Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM SEEGER, OF SUMNER, IOWA.

CARRIER.

No. 914,607.

Specification of Letters Patent.

Patented March 9, 1909.

Application filed November 9, 1907. Serial No. 401,529.

To all whom it may concern:

Be it known that I, WILLIAM SEEGER, a citizen of the United States, residing at Sumner, in the county of Bremer, State of Iowa, have invented certain new and useful Improvements in Carriers; 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 elevated carriers and more particularly to that class which are designed for use in a barn or stable to carry refuse therefrom to some point outside of the barn or stable.

The primary object of my invention is to provide a carrier of this class which will be so simple in construction and so cheap to manufacture as to have a purchase price within reach of the ordinary farmer and a further object of the invention is to provide a more efficient device of this class than those in use at the present time and particularly one of such construction that it will not become clogged.

In the accompanying drawings, Figure 1 is a side elevation of the carrier and showing also one end of the cable from which it is suspended, Fig. 2 is an end view of the carrier, Fig. 3 is a top plan view thereof, and, Fig. 4 is a vertical transverse sectional view.

The carrier embodied in my invention comprises a frame consisting of a pair of uprights 5 which are braced by means of crossed braces 6 which are two in number and are secured at their ends to the said uprights and also by means of cross brace 7, also secured at its ends to the said uprights. Fixed at the upper ends of these uprights are brackets 8 in which are journaled grooved wheels 9 which are designed to travel upon the suspension wire for the carrier. This suspension wire is indicated by the numeral 10 and is passed through the brackets and beneath the grooved wheels 9 mounted therein. Each end of this wire is connected to a threaded rod 11 engaged loosely through a wooden block or cleat 12 arranged at any suitable point within the barn or stable and threaded upon this rod 11 is a nut 13 which may be turned to adjust the said rod and consequently the tension of the cable 10.

Connecting the lower ends of the uprights 5 of the frame of the carrier is a rod 14 and upon this rod is supported the receptacle for the refuse said receptacle being in

the form of a shallow box including sides 15, ends 16, and a bottom 17. The box is provided with a sheet metal lining 18 which renders it more durable. The box is supported for transverse rocking movement upon the rod 14 by means of suitable clips 18' which embrace the rod and are secured to the under side of the bottom 17 of the box. As above stated the box is in this manner mounted for transverse rocking movement and in order that it may be held against such movement, I have provided a means which will now be described. An arcuate bar 19 is secured at its ends as at 20 to one end 16 of the box and has its convex edge presented upwardly and in its said edge at its middle the said bar 19 is provided with a notch 21. This arcuate bar 19 has the securing ends offset to form shoulders and the central portion of the bar lies outside of one of the frame members 5. By this construction the entire overturning of the box 15 is prevented since one of the shoulders on the bar 19 will contact with the member 5 and serve to limit the rotation of the box 15 about the rod 14. A rod 22 is slidably mounted in suitable bearings 23 upon the adjacent upright 5 and at its lower end this rod is provided with an integral tooth 24 for engagement in said notch 21. A spring 25 is engaged upon the said rod 22 and bears at its lower end against the said tooth 24 and at its upper end against one of the bearings 23 in which the rod is mounted, the said spring serving to hold the rod at the lower limit of its movement or in other words to hold the tooth at all times in engagement with the said convex edge of the arcuate bar and consequently in position for engagement in the notch in said bar. A lever 26 is pivoted as at 27 upon the said upright 5 and the inner end of this lever has connected to it the upper end of the rod 22.

From the foregoing description of my invention it will be understood that refuse may be loaded into the box of the carrier while the carrier is within the barn or stable and that when so loaded it may be made to travel along the supporting cable 10 and in this manner the refuse may be carried to a point outside of the barn or stable. After it has been carried to the proper place, the lever may be rocked to disengage the tooth 24 from the notch 21 and as the box is supported above the rod 14, it will readily tilt,

in a lateral direction, and the contents be discharged or dumped. The box may then be returned to its normal position and when so returned will be automatically latched in
5 place.

What is claimed, is—

An elevated carrier comprising a pair of bars fitted at their upper ends with brackets, trolley-wheels mounted on said brackets,
10 a cross-rod connecting the lower ends of the bars, a receptacle hinged on said rod and provided at one of its ends with a notched segment, lying exterior of the bar at that end and provided with abruptly
15 shouldered offset ends attached to the re-

ceptacle, said offset ends being arranged to coact with said bar to form stops for limiting the movement of said receptacle around the rod, bearings on one of the aforesaid bars, a latch slidably mounted in said bearings and engageable with the notch of the segment, and a lever pivoted to said bar and operatively connected to the latch.

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

WILLIAM SEEGER.

Witnesses:

HARRY HANES,
D. H. TALCOTT.