

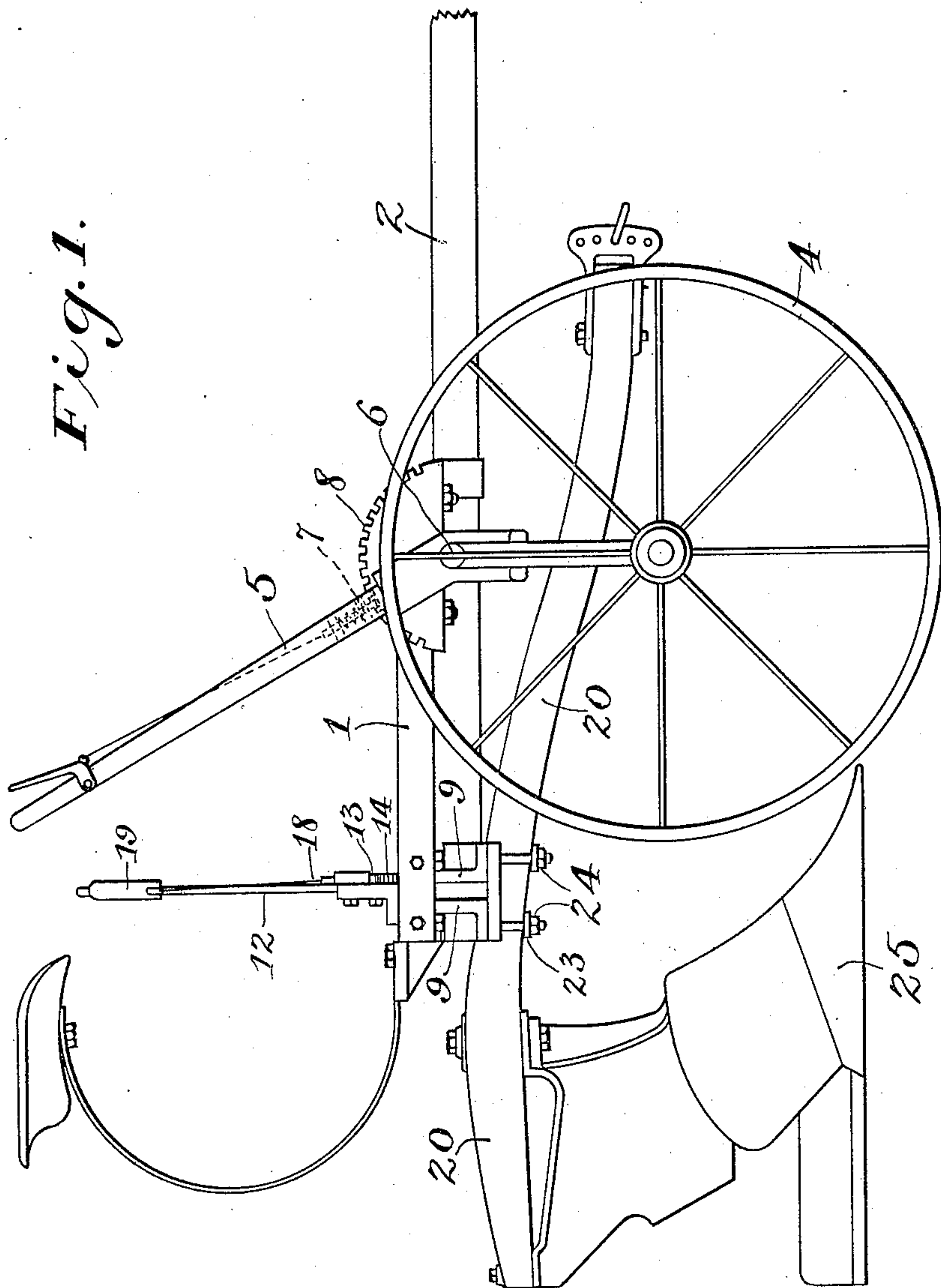
No. 887,815.

PATENTED MAY 19, 1908.

G. W. JESSUP.
SULKY PLOW.

APPLICATION FILED APR. 17, 1906.

2 SHEETS—SHEET 1.



WITNESSES:

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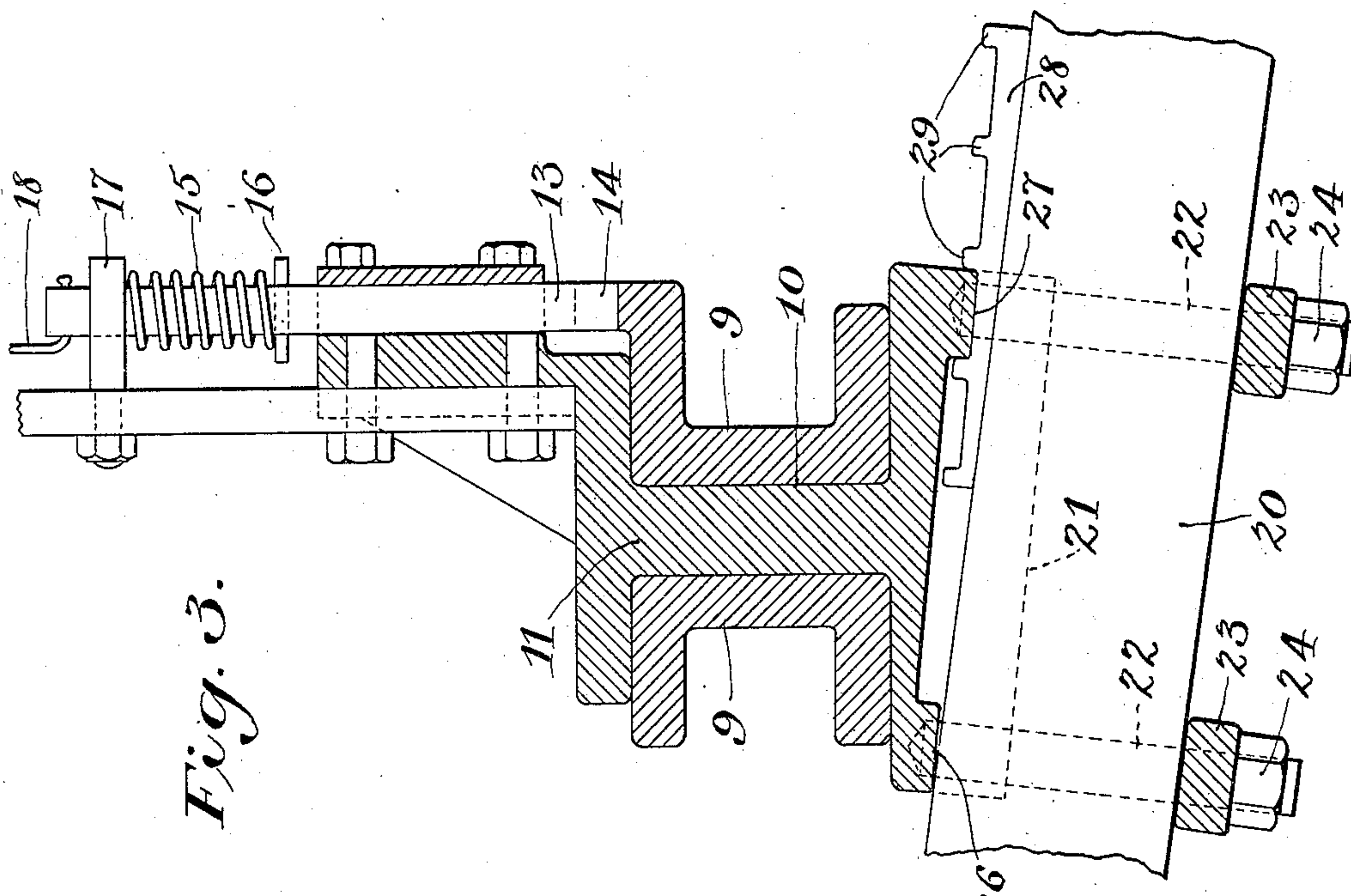
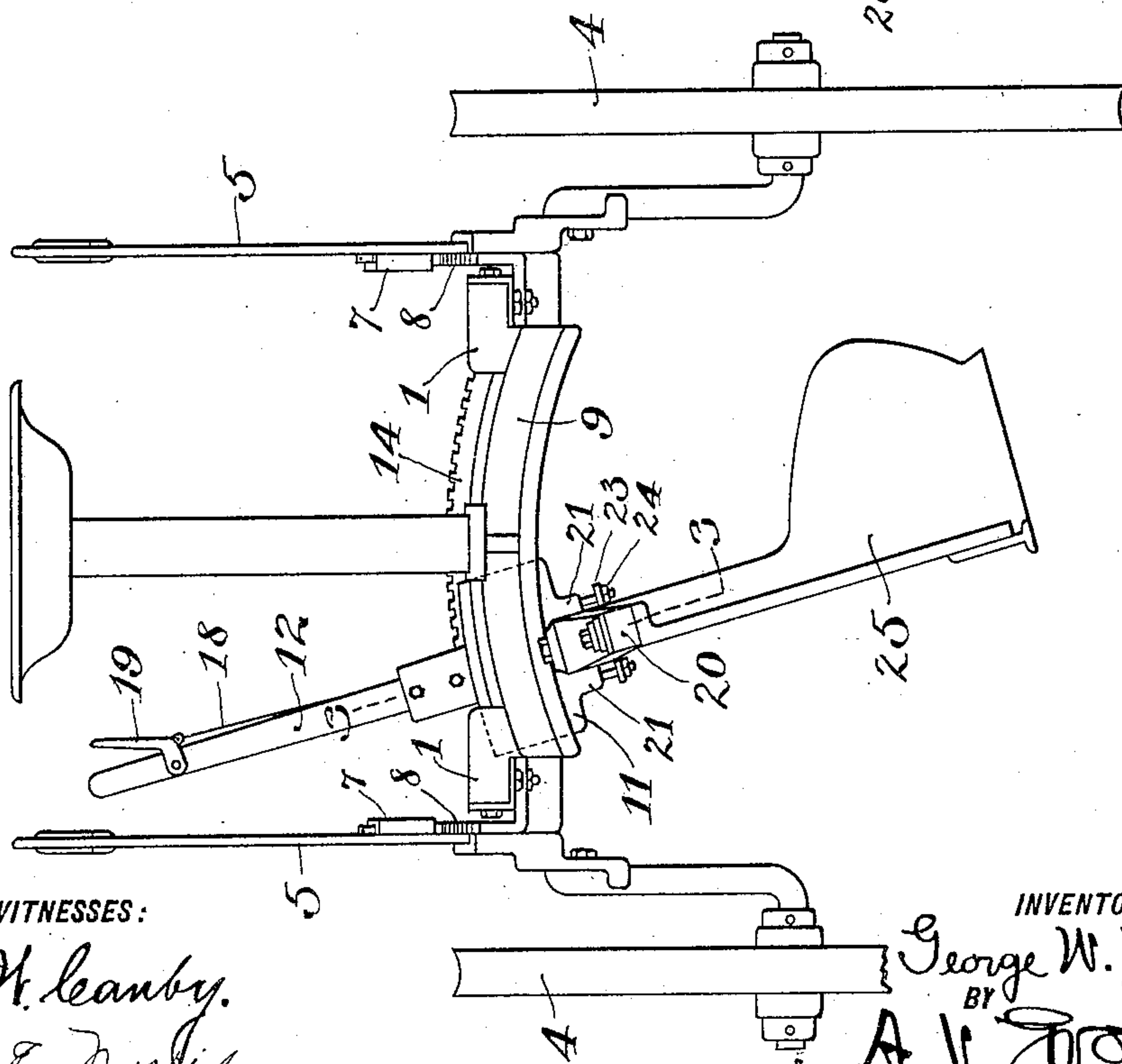


Fig. 3.

Fig. 2.



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SULKY-PLOW.

No. 887,815.

Specification of Letters Patent.

Patented May 19, 1908.

Application filed April 17, 1906. Serial No. 312,105.

To all whom it may concern:

Be it known that I, GEORGE W. JESSUP, a citizen of the United States, residing at Moorestown, in the county of Burlington and State of New Jersey, have invented certain new and useful Improvements in Sulky-Plows, of which the following is a specification.

This invention relates to sulky-plows, my object being to provide a simple and efficient construction and arrangement of parts whereby the plow may be adjusted and tilted laterally and maintained in its positions of adjustment.

The invention consists in the novel construction and combinations of parts herein after fully described and claimed.

In the drawings—Figure 1 is a side elevation of a sulky plow embodying my invention. Fig. 2 is a rear elevation thereof, showing the plow in a tilted position. Fig. 3 is a sectional detail, enlarged, as on the line 3—3 of Fig. 2.

1 designates the main frame, 2 the tongue secured thereto and 4 the carrying wheels. The wheels 4 are mounted on the lower ends of hand levers 5 which are pivoted, as at 6, to the sides of the main frame 1. By adjusting the levers 5 the wheels 4 may be raised and lowered independently of each other. The levers 5 are held in place by suitable pins 7 carried by the levers and adapted to engage notches in a sector 8 secured to the main frame.

The parts described thus far are of common and well known construction and no detailed description or illustration thereof is deemed necessary herein.

Extending transversely across the rear of the main frame 1 is an upwardly curved bar 9 having formed therein a longitudinally-extending vertical slot 10. This bar 9 constitutes a curved guide to which is fitted an adjustable member 11 extending through the slot 10 and engaging the side walls thereof and also engaging the top and bottom of the bar 9. Extending upwardly from the member 11 is an arm 12 the upper end of which is adapted to be engaged by hand to adjust the member 11 to different positions throughout the length of the bar 9. Fitted to an opening in the member 11 is a pin 13 adapted to engage notches in a flange 14 on the bar 9 to hold the member 11 in its positions of adjustment. This pin 13 is pressed normally toward the notches by a spring 15 engaging

a pin 16 extending through the pin 13 and a projection 17 on the arm 12. The pin 13 extends through the projection 17 and its upper end is connected by a wire 18 to a lever 19 pivoted to the arm 12, whereby the pin 13 may be disengaged from the notches when the arm 12 and lever 19 are grasped by hand to adjust the member 11. Upon the release of the arm 12 and lever 19 the spring 15 automatically moves the pin 13 into one of the notches in the flange 14 to hold the member 11 in its positions of adjustment.

The plow beam 20 is secured to the bottom of the member 11 in the following manner:—Extending downwardly from the member 11 are two ribs 21 between the opposite faces of which the beam 20 is fitted, and projecting downwardly from the ribs 21 on each side of the beam 20 are bolts 22 the lower ends of which extend through transverse bars 23 engaging the bottom of the beam. The lower ends of the bolts 22 are provided with nuts 24 by means of which the bars 23 may be forced into engagement with the bottom of the beam to secure the beam to the member 11. Secured to the rear end of the beam 20 and extending downwardly therefrom in line with the arm 12 is the plow 25 which may be of any approved type.

The member 11 is provided with two ribs 26 and 27 extending between the ribs 21 transversely over the top of the beam 20. The rearward rib 26 engages the top of the beam 20 over one of the bars 23 and the forward rib 27 engages a wedge 28 which is interposed between said rib and the top of the beam 20 over the other bar 23. The wedge 28 is provided with ribs 29 between which are formed channels for the reception of the ribs 27. By loosening the nuts 24 and adjusting the wedge 28 to different positions and then tightening the nuts 24, the forward end of the beam 20 may be raised or lowered to tilt the nose of the plow upwardly or downwardly as desired.

By the construction herein described it will be seen that by adjusting the member 11 along the bar 9 the plow 25 may be adjusted and tilted laterally to any desired position to meet various requirements.

I claim—

1. In a sulky plow, the combination with the frame thereof, of a transversely-arranged, upwardly curved guide secured at its ends to and carried by said frame; a plow-carrying member fitted to said guide and adjustable

transversely over the central portion thereof; and means for holding said member in positions of adjustment.

2. In a sulky plow, the combination with
5 the frame thereof, of a transversely-arranged, upwardly-curved guide secured at its ends to said frame; a plow-carrying member fitted to and carried by said guide and adjustable transversely over the central portion there-
10 of, and held rigidly by said guide except as to its transverse adjustment thereon; and means for holding said member in positions of adjustment.

3. In a sulky plow, the combination with
15 the frame thereof, of a transversely arranged, upwardly curved guide provided with a series of teeth, a plow-carrying member fitted to said guide and adjustable longitudinally thereof, a hand operating arm projecting
20 fixedly from said member, and means carried by the member for engaging the teeth to hold the member in positions of adjustment.

4. In a sulky plow, the combination with
25 the frame thereof, of a transversely arranged, upwardly curved guide having a longitudi-

nal slot therein, a plow-carrying member extending through said slot, and engaging the top and bottom of the guide, said member being adjustable longitudinally of the guide, and means for holding said member in posi- 30
tions of adjustment.

5. In a sulky plow, the combination with the frame thereof, of a transversely-arranged, upwardly-curved guide secured at its ends to said frame; a plow-carrying member fitted to 35
and carried by said guide and adjustable transversely over the central portion thereof, means for holding said member in positions of adjustment, a plow and its beam, means for securing said beam to said mem- 40
ber, and an adjustable wedge interposed between one side of said member and said beam.

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

GEORGE W. JESSUP.

Witnesses:

A. V. GROUPE,
W. H. CANBY.