

No. 863,665.

PATENTED AUG. 20, 1907.

M. SPENRATH.  
MARKING ATTACHMENT FOR PLANTERS.

APPLICATION FILED JUNE 12, 1907.

2 SHEETS—SHEET 1.

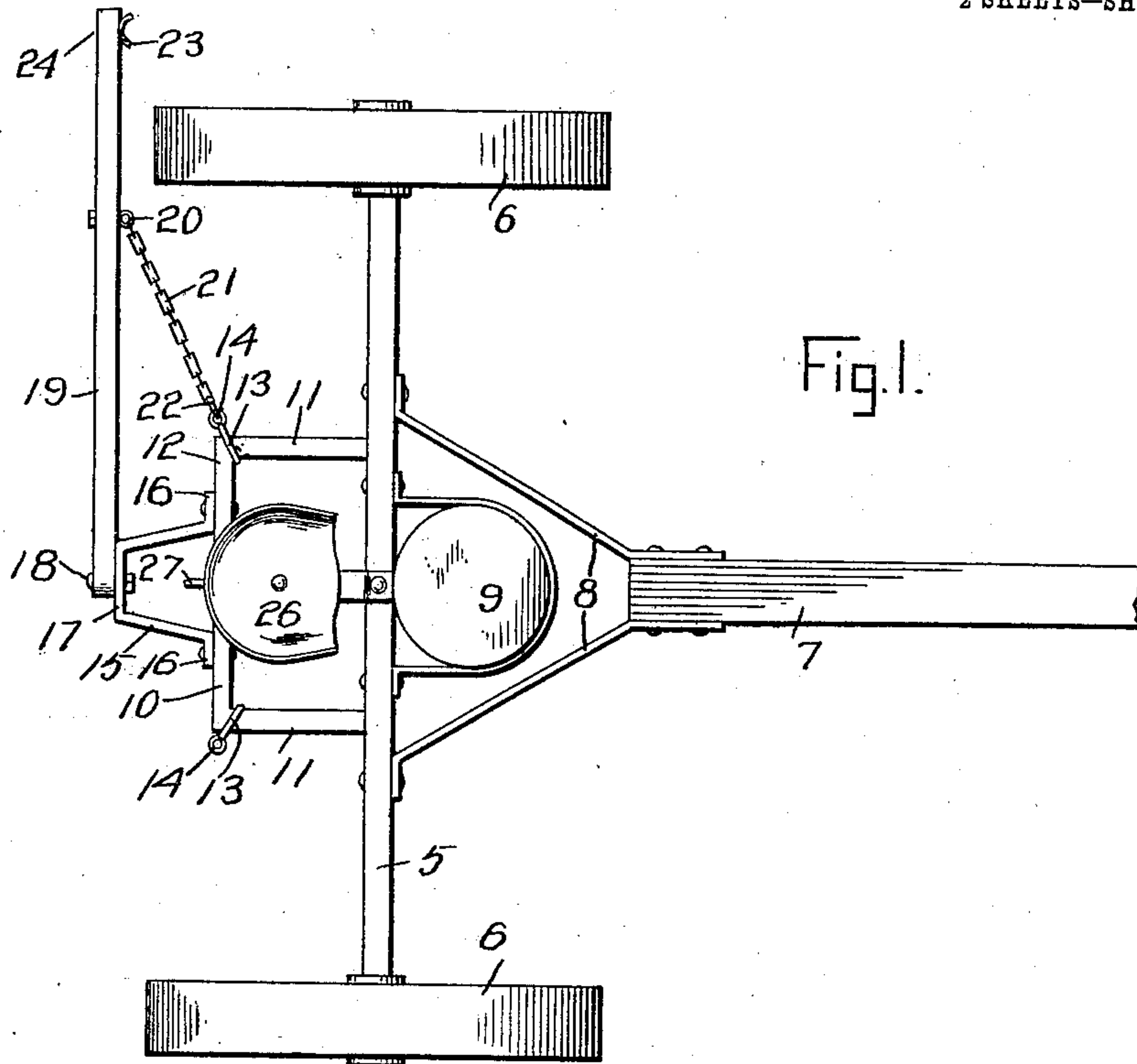


Fig. 1.

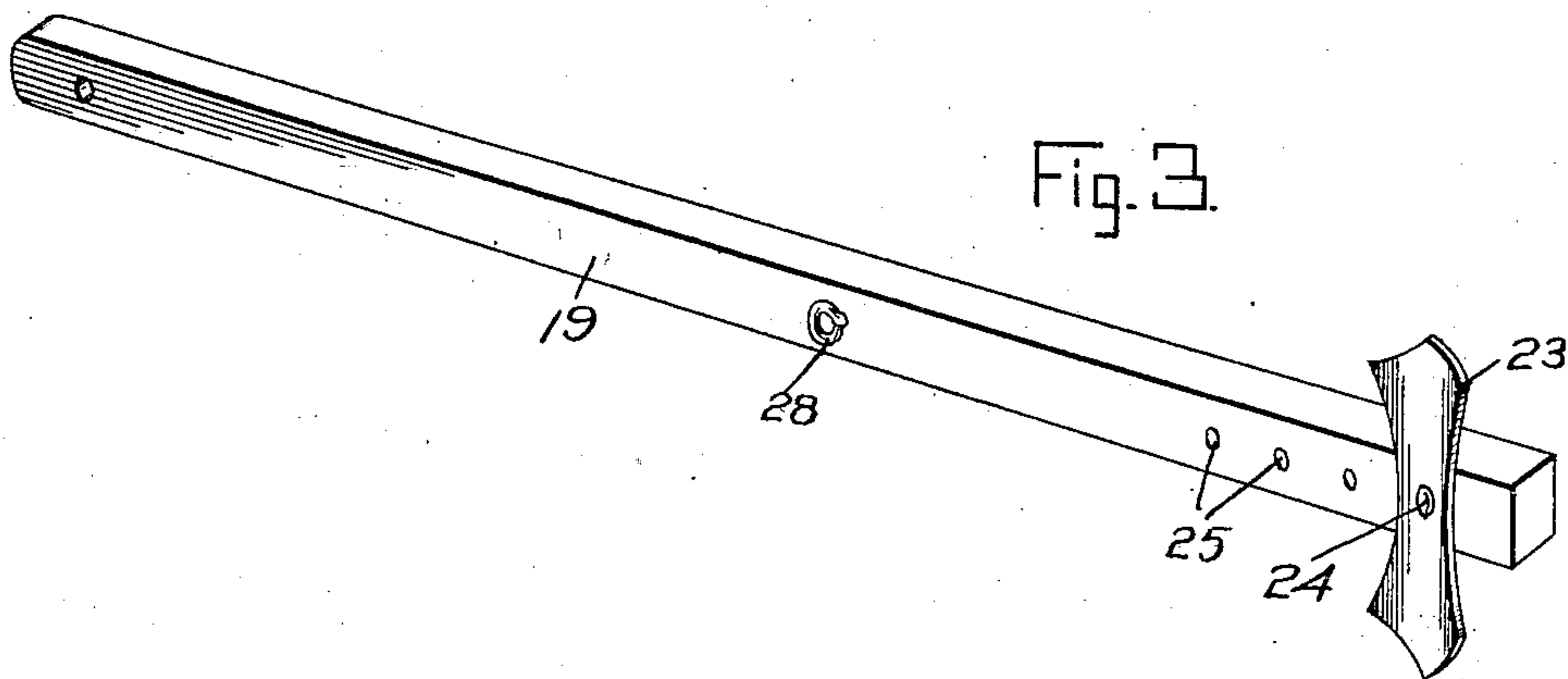


Fig. 3.

Witnesses

*G. H. Reichenbach.*  
*H. M. Spenrath.*

Inventor

*M. Spenrath.*

By

*Charles H. Spenrath*

Attorneys

No. 863,665.

PATENTED AUG. 20, 1907.

M. SPENRATH.  
MARKING ATTACHMENT FOR PLANTERS.

APPLICATION FILED JUNE 12, 1907.

2 SHEETS—SHEET 2.

Fig. 2.

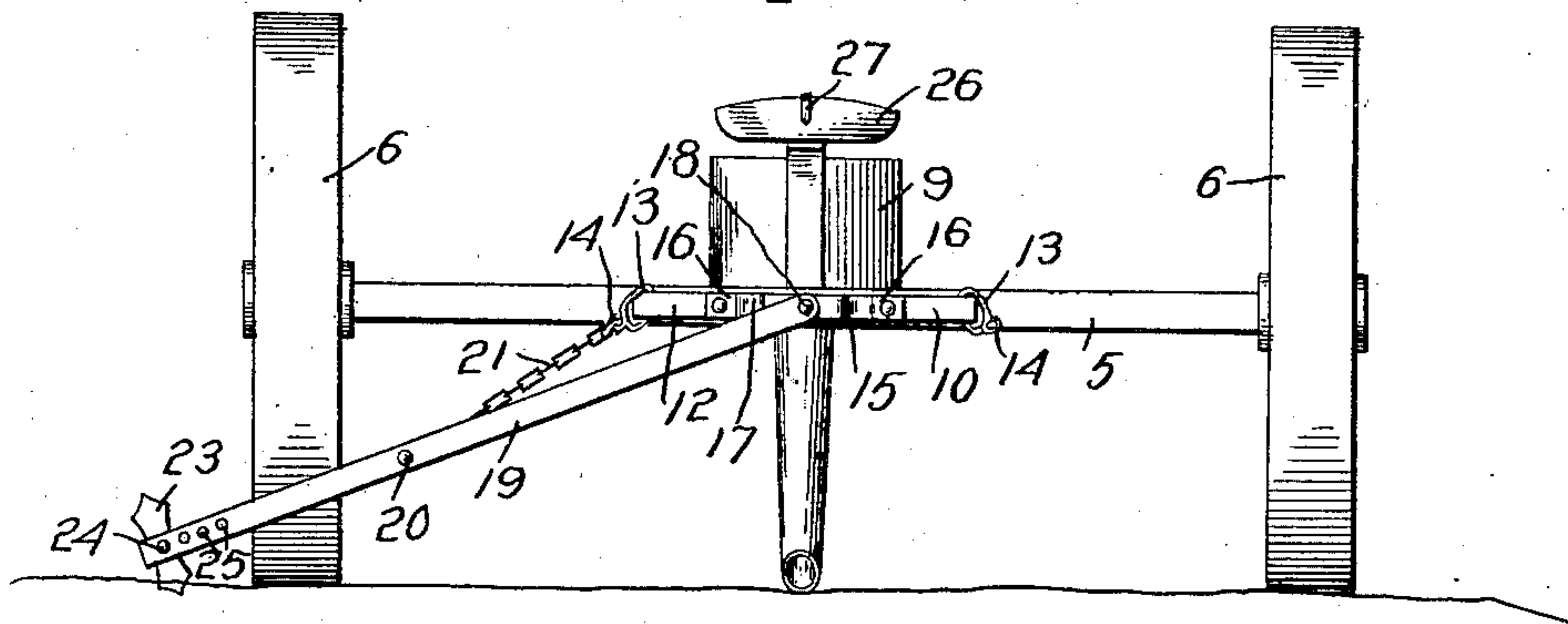
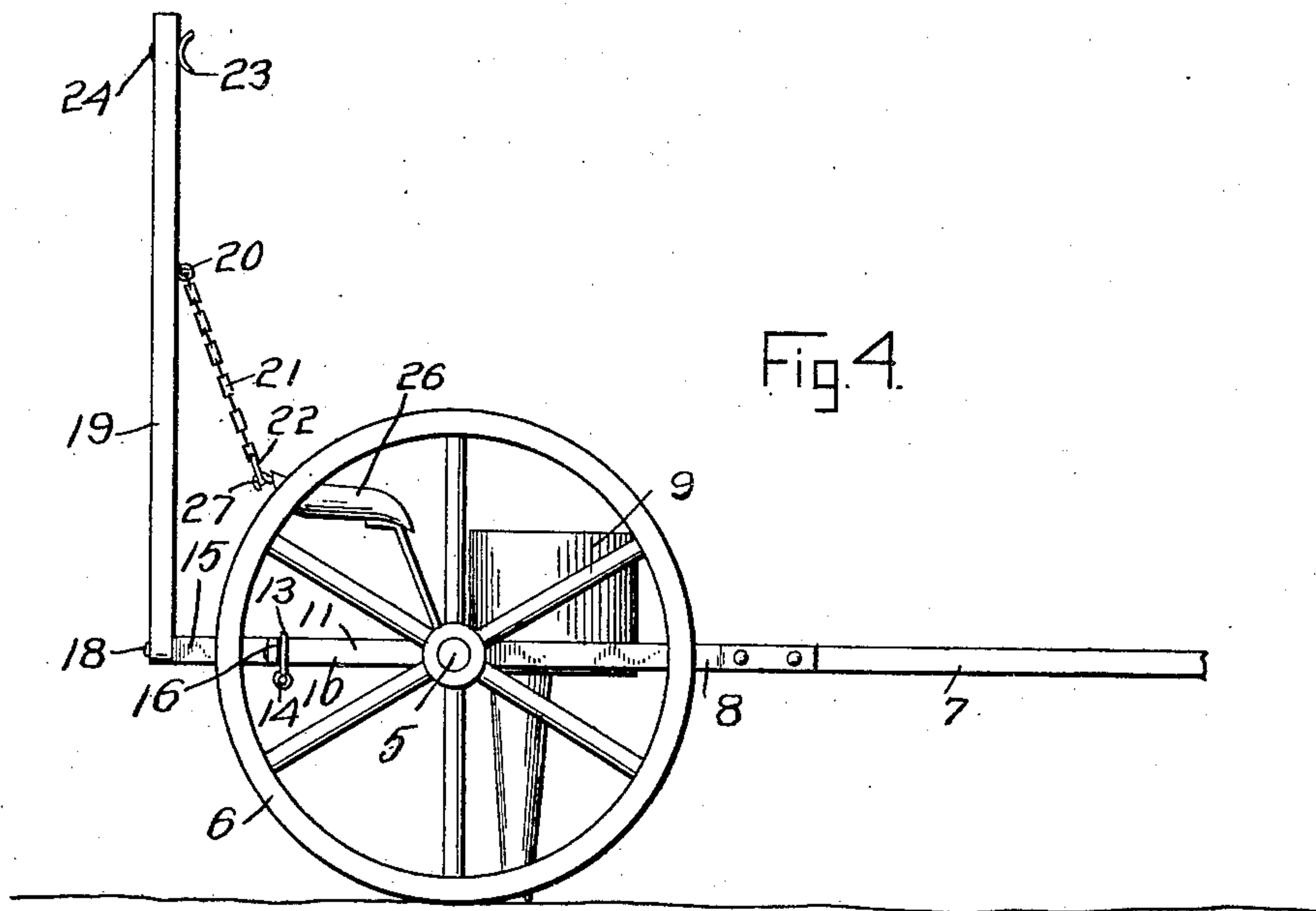


Fig. 4.



Witnesses

C. H. Reichertsch.  
L. H. Carter.

Inventor

M. Spennrath.

By

Charles Chandler

Attorneys.



# UNITED STATES PATENT OFFICE.

MAX SPENRATH, OF COMFORT, TEXAS.

## MARKING ATTACHMENT FOR PLANTERS.

No. 863,665.

Specification of Letters Patent.

Patented Aug. 20, 1907.

Application filed June 12, 1907. Serial No. 378,642.

*To all whom it may concern:*

Be it known that I, MAX SPENRATH, a citizen of the United States, residing at Comfort, in the county of Kendall, State of Texas, have invented certain new and useful Improvements in Marking Attachments for Planters; 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.

10 The present invention relates to row-markers, and it aims to provide an exceedingly simple, inexpensive, and efficient device of that class which may be readily attached to the planter and arranged at either side thereof, and which is capable of adjustment for marking rows of the desired width.

15 To this end the invention consists in the construction, combination, and arrangement of parts, all as hereinafter fully described, specifically claimed, and illustrated in the accompanying drawings in which like parts are designated by corresponding reference numerals in the several views.

20 Of the said drawings—Figure 1 is a top plan view of a planter provided with the improved marking attachment. Fig. 2 is a rear elevation thereof. Fig. 3 is an enlarged detail view of the attachment. Fig. 4 is a side elevation showing the chain of the marking pole secured to the seat of the machine.

Referring more particularly to the drawings, the numeral 5 indicates the axle of the machine, 6 the wheels revolubly mounted on the axle ends, and 7 the tongue which is secured to the axle by the straps 8. The axle also carries the grain hopper 9 which is of any conventional type and is secured to the axle directly in line with the tongue.

35 The marking attachment which is likewise carried by the axle, comprises a rearwardly extending U-shaped frame 10 whose legs 11 are arranged at right angles to the connecting strip 12 and are fastened at their forward ends to the axle, the opposite rear corners of the frame each carrying a link 13 upon which an eye 14 is formed. The connecting strip 12 of the frame is in turn provided with a rearwardly extending U-shaped bracket 15 each leg of which has its free end bent laterally outwards to form a foot 16 which is bolted to strip 12, while the portion 17 of the bracket which connects the opposite ends of the bracket legs is provided with a centrally located bolt 18 to the projecting end of which the rear or upper end of the marking pole 19 is pivoted. The frame, bracket, and hopper are in direct alinement with each other.

50 The marking pole is provided intermediate its ends with a swiveled eye bolt 20 which is connected by a

chain 21 with either of the hooked links 13, according as the marker is disposed upon one side or the other of the machine the chain carrying a hook 22 at its free end. At its lower end the pole carries a double-ended concavo-convex marking blade 23 whose reduced central portion is provided with a perforation through which the fastening bolt 24 is passed, the pole being likewise provided with a series of perforations 25, whereby the position of the blade upon the pole may be adjusted at will, to regulate the distance between the successive rows. The seat 26 which has its supporting portion or stem secured centrally to the axle, is provided upon its inner face with a rearwardly extending hook 27 with which the hooked end of the chain 21 is adapted to be engaged, to hold the marker in an inoperative position when the planter is being drawn to the field in which it is to be used.

It will therefore be apparent from the foregoing that the pole can be swung bodily from one side of the machine to the other, and can be retained in position by merely engaging the hooked end of the chain 21 with the adjacent eye-bolt 13, the position of the marking blade upon the pole being likewise adjustable owing to the interchangeable engagement of the fastening bolt 24 in the pole openings 25.

It will be also apparent that the pole can be retained in slightly raised or inoperative position when the machine is being drawn to or from the field to be marked.

What is claimed, is—

The combination, in a machine of the class described, of an axle, and ground-wheels carried thereby; a rearwardly extending U-shaped frame secured to the axle and having a link secured to both of its rear corners, each link having an eye formed thereon; a rearwardly extending U-shaped bracket secured to said frame; a rearwardly projecting bolt carried by the bight portion of said bracket; a pole pivoted at its upper end to said bolt and provided at its lower end with a series of perforations; a double-ended blade having a fastening bolt interchangeably engaged in said perforations; an eye-bolt swiveled in said pole intermediate the ends thereof; a chain secured at one end to said eye-bolt and provided at its opposite end with a hook adapted for engagement with one or the other of said eye-links, according as the pole is swung to one side or the other of the machine; a seat secured to the axle and provided with a hook adapted for engagement with the hooked end of said chain, to retain the pole in inoperative position; and a forwardly-extending tongue secured to the axle and disposed directly in alinement with said frame and bracket.

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

MAX SPENRATH.

Witnesses:

MAX A. FLACH,  
ERNST SPENRATH.

