

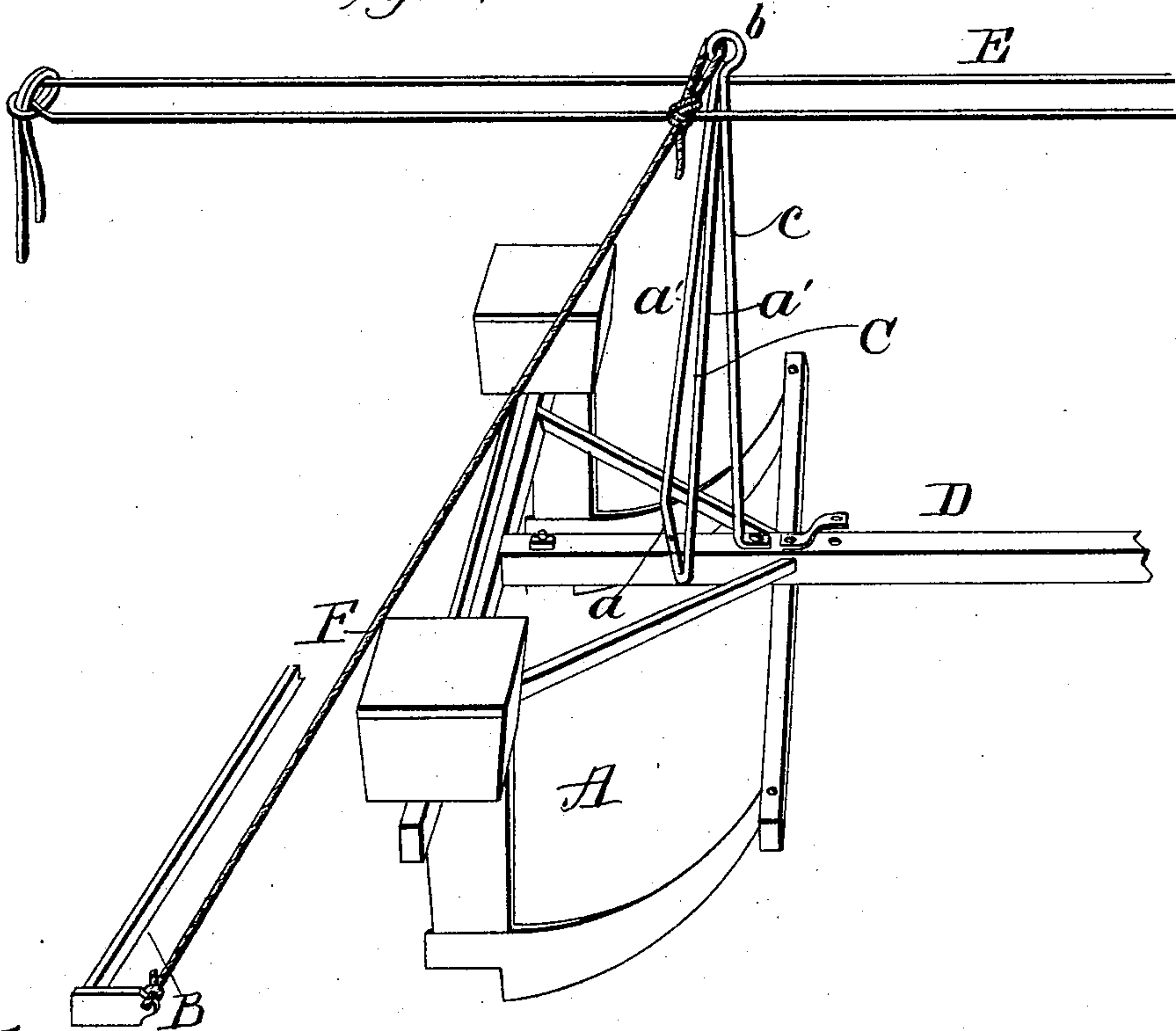
(No Model.)

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MARKER ATTACHMENT FOR PLANTERS.

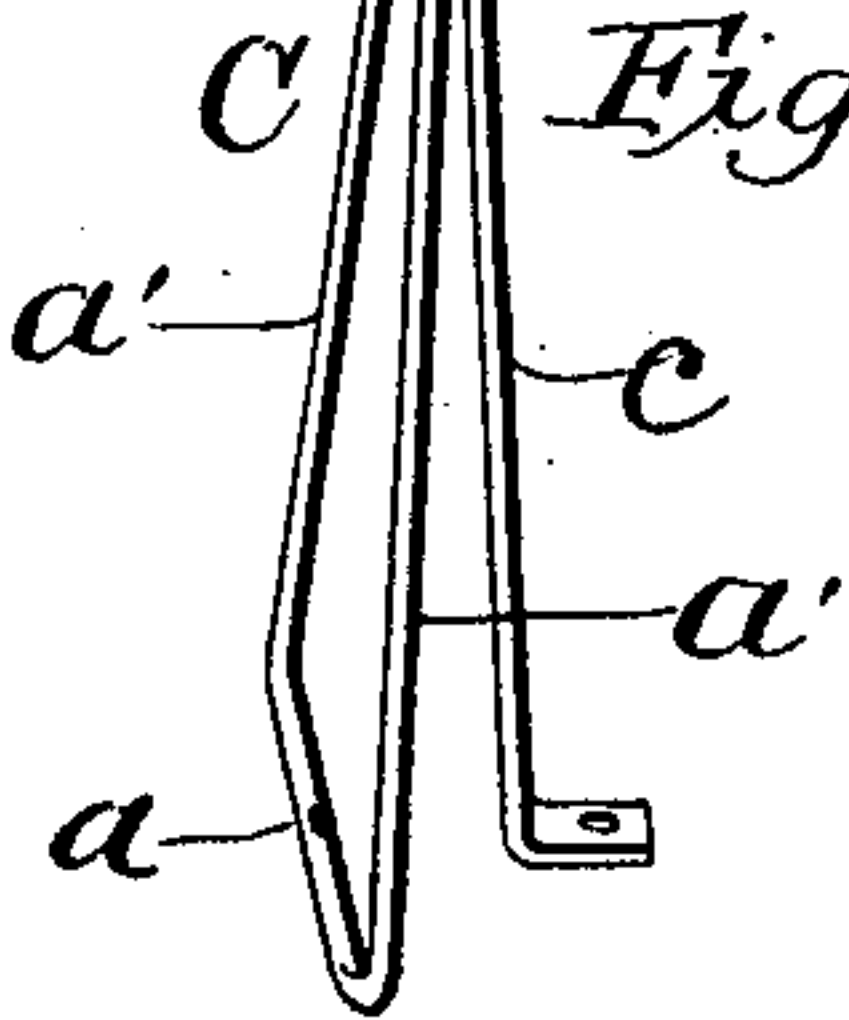
No. 589,502.

Patented Sept. 7, 1897.

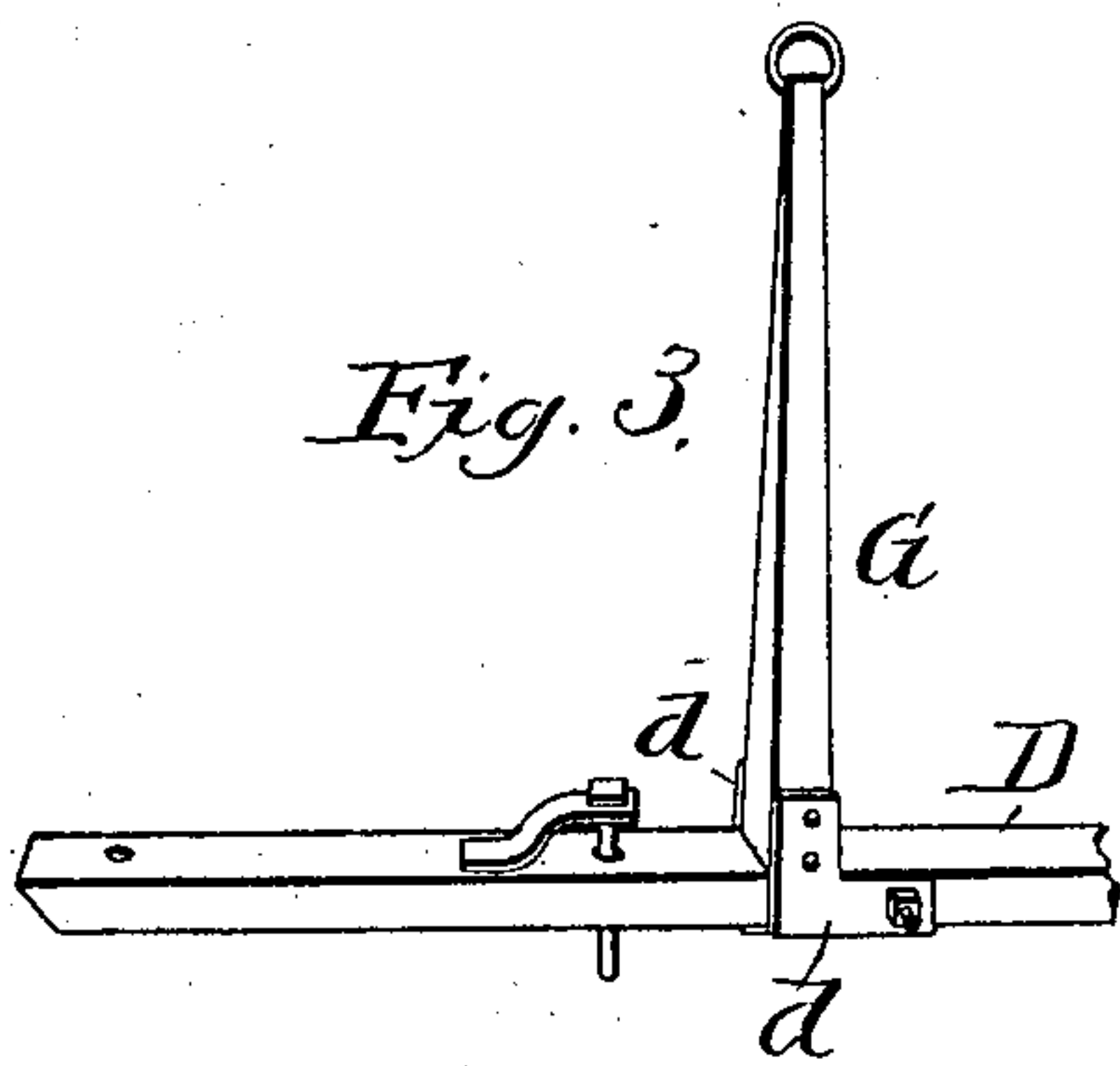
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses  
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# UNITED STATES PATENT OFFICE.

EDWARD B. GUENZEL, OF TRACY, IOWA.

## MARKER ATTACHMENT FOR PLANTERS.

SPECIFICATION forming part of Letters Patent No. 589,502, dated September 7, 1897.

Application filed February 27, 1896. Serial No. 581,001. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD B. GUENZEL, a citizen of the United States, residing at Tracy, in the county of Marion, in the State of Iowa, have invented a new and Improved Mode of Constructing Gage-Pole Rope-Standards on Corn-Planters; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

My invention relates to an improvement in attachments for corn-planters such as employ a gage or marking pole, the object of the invention being to provide simple and efficient means whereby the gage or marking pole can be readily shifted from one side to the other of the machine without interference of the rope or chain which sustains the gage or pole with the lines or reins, my improvement serving also to guide said lines or reins and prevent them from becoming crossed or confused when in use.

With this object in view the invention consists in certain novel features of construction and combinations and arrangements of parts, as hereinafter set forth, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view in perspective of a portion of a corn-planter, showing the application of my improvements thereto. Fig. 2 is a detail view of the standard. Fig. 3 is a view of a modification.

A represents a portion of a corn-planter, and B the gage or marking pole, which latter may be of any preferred form of construction and pivoted to the planter-frame in the usual manner.

A standard C is mounted at a convenient place on the planter-frame, but preferably on the tongue or pole D, as shown in the drawings, said standard being of a height sufficient to extend above the normal position occupied by the driving lines or reins E. The standard may be conveniently and cheaply made of rod-iron bent to form an elongated triangle comprising a horizontal member *a* to be secured to the pole or tongue D or other convenient part of the machine-frame and upright members *a'* *a'*, united at the apex of the triangle. The standard C is provided at its

upper extremity with an eye *b*, and to said upper end of the standard, one end of a brace-rod *c* is secured, the other end of said brace-rod being bolted to the pole or tongue D and thus serve to assist in maintaining the standard in a fixed upright position. A gage rope or chain F is loosely attached at one end to the eye *b* at the top of the standard, and at its other end said rope or chain is attached to the gage or marking pole B, preferably at a point at or near the free end thereof.

It will be observed that the standard C is located centrally on the machine, so that the upper end will project between the driving lines or reins E, thus forming a guide for said lines or reins and preventing them from becoming crossed, confused, or tangled when in use.

From the construction and arrangement of parts above described it will be seen that the attachment for the gage rope or chain F to the machine is disposed above the position which the lines or reins normally assume, or in other words the driving lines or reins are always below the attachment of the gage-rope to the machine. By means of this construction I am enabled to shift the gage or marking pole on its pivoted support from one side of the machine to the other without any possibility of the rope or chain F, which sustains said gage or marking pole, interfering with the driving lines or reins E and without the necessity for removing or handling any other part of the machine.

I do not wish to confine myself to the precise form of standard above described, as the details of construction of said standard may be varied without departing from the spirit of my invention or limiting its scope. For instance, a standard G, Fig. 3, might be employed and provided at its lower end with angle-irons *d* *d*, disposed at the respective sides of the tongue or pole D and having their horizontal members pivotally connected thereto by means of a suitable bolt *e*, or a standard may be fastened to the seed-boxes by bending it in a suitable curve.

My improvements are simple in construction, cheap to manufacture, and effectual in all respects in the performance of their functions.

Having fully described my invention, what



I claim as new, and desire to secure by Letters Patent, is—

1. The combination with a corn-planter and  
its pivoted gage or marking pole, of a stand-  
5 ard mounted on the machine and terminating  
at its upper end at a point above the position  
normally occupied by the lines or reins and  
a rope or chain connected at one end to said  
standard so as to extend over the lines and at  
10 its other end to the gage or marking pole,  
substantially as set forth.

2. The combination with a corn-planter and

its pivoted gage or marking pole, of a stand-  
ard located centrally on the machine so as to  
project between the driving lines or reins and 15  
terminate above the same, and a loose con-  
nection between the upper end of said stand-  
ard and the gage or marking pole, substan-  
tially as set forth.

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Witnesses:

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