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PATENTED FEB. 26, 1907.

J. M. PERDUE.
MARKING ATTACHMENT FOR PLOWS.

APPLICATION FILED JUNE 13, 1906.

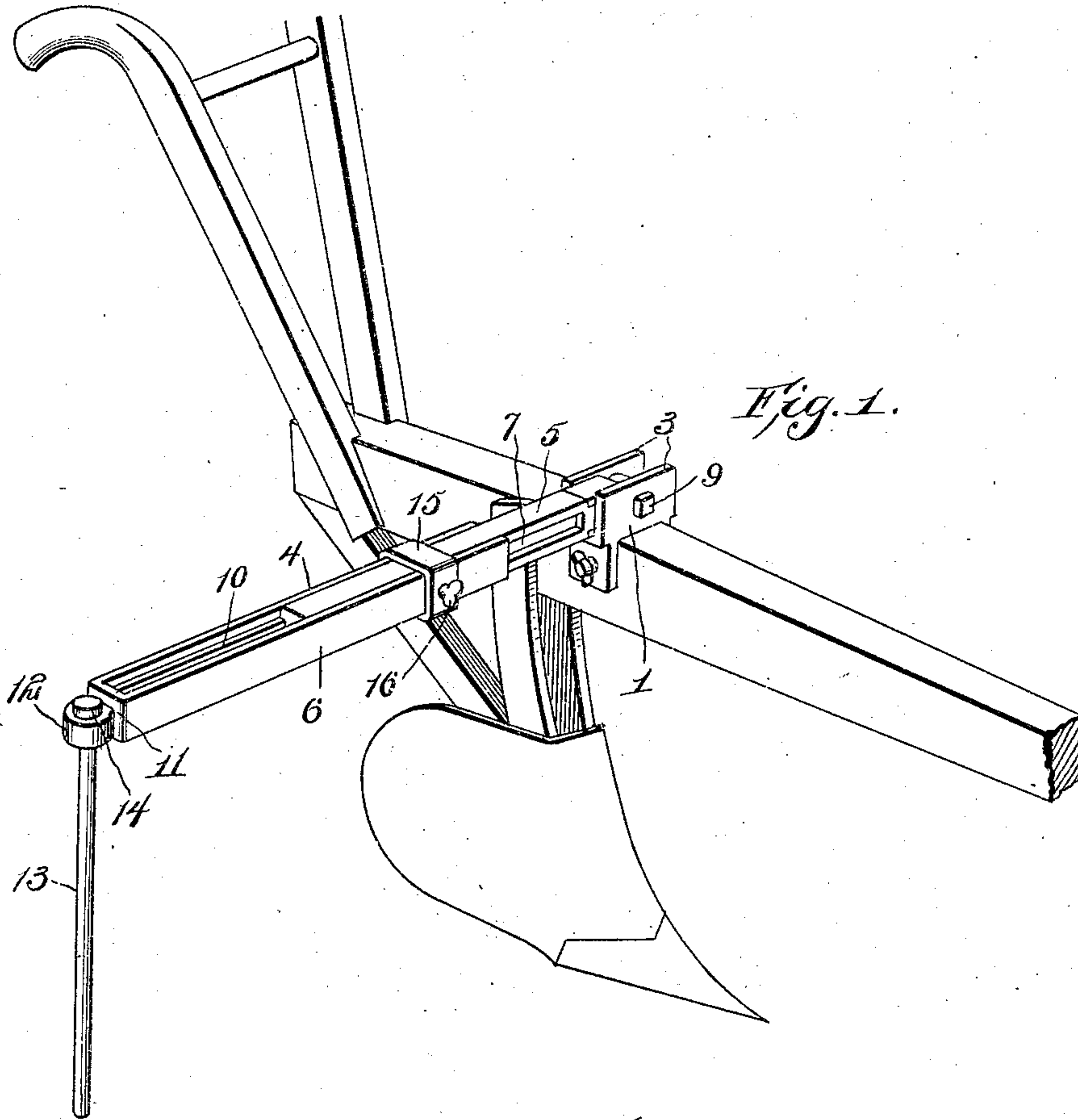


Fig. 2.

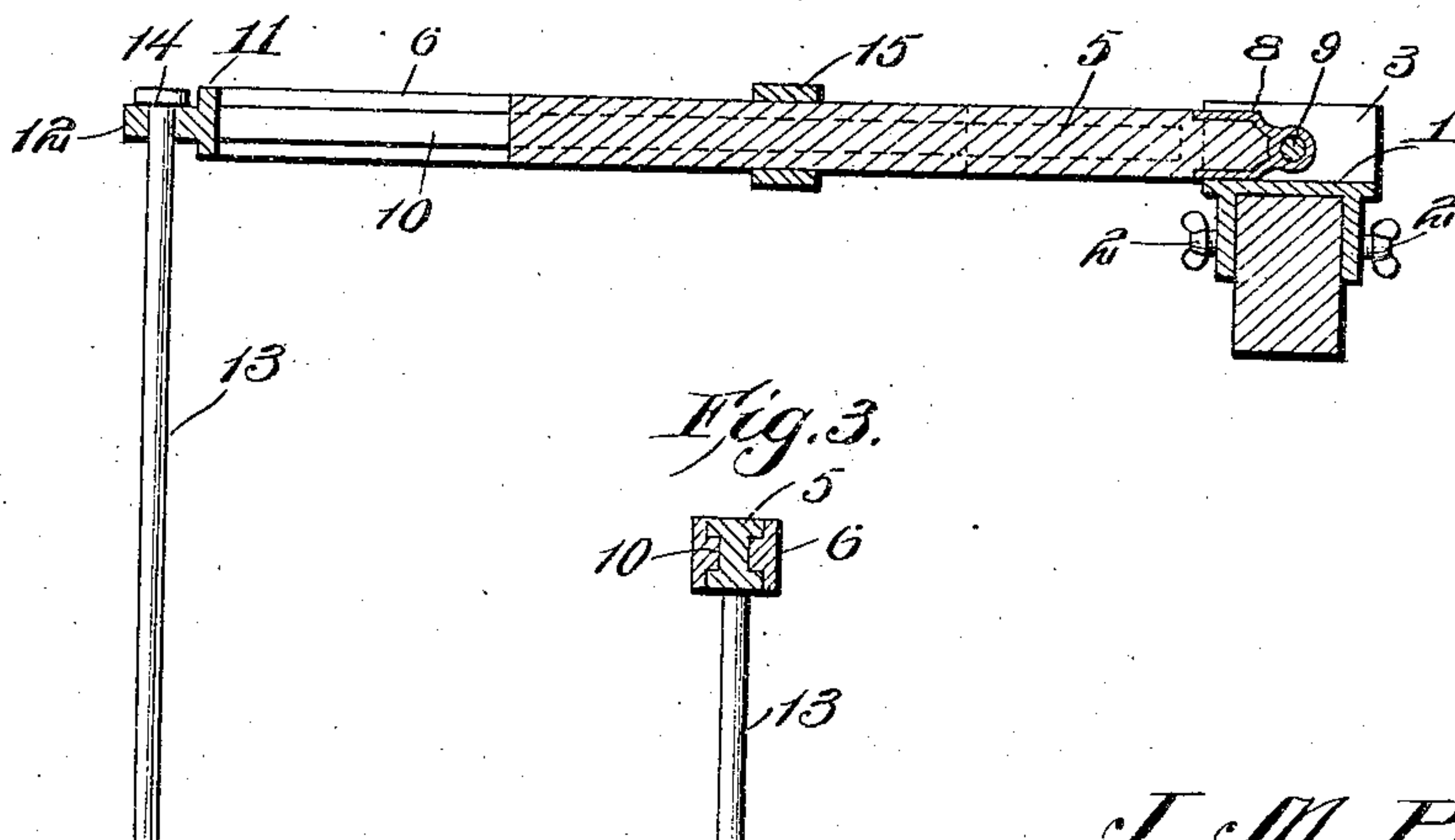
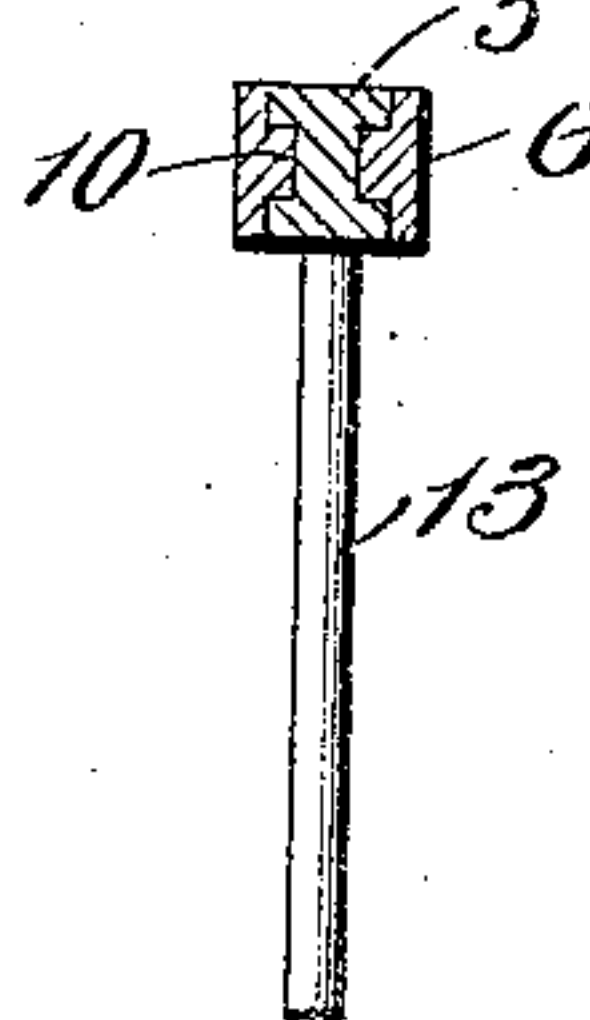


Fig. 3.



Witnesses

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MARKING ATTACHMENT FOR PLOWS.

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To all whom it may concern:

Be it known that I, JAMES M. PERDUE, a citizen of the United States of America, residing at Matthews, in the county of Jefferson and State of Georgia, have invented new and useful Improvements in Marking Attachments for Plows, of which the following is a specification.

This invention relates to an improved gage or marking attachment for plows, the object of the invention being to provide a simple and effective construction of device of this character which is applicable to the beam of any plow of ordinary type, which may be thrown over to either side of the beam for operation, and which is readily adjustable to gage and vary the distance between rows.

In the accompanying drawings, Figure 1 is a perspective view of a plow embodying my invention. Fig. 2 is a longitudinal section through the marker. Fig. 3 is a transverse section of the same.

Referring to the drawings, the numeral 1 designates a saddle-bracket arranged to straddle the beam of the plow and adapted to be adjustably secured thereto by thumb-screws 2. The body of the bracket is channeled or formed with parallel guide-flanges 3 for the reception of the inner end of a gage-beam 4. This beam comprises two sections 5 and 6, the section 5 being in the form of a bar provided in its sides with guide-grooves 7 and having at its inner end a coupling-member 8, formed with an eye for the passage of a bolt 9, which extends through the flanges 3 and pivotally connects the beam to the bracket, so that said beam may be thrown for operation over to either side of the plow-beam. The member 8 is pivoted upon the bolt 9 midway of the length of the flanges 3, so that the latter will operate to stay the inner end of the gage-beam in either of its adjusted positions. The member 6 is composed of a substantially U-shaped strap, the arms of which bear against the opposite sides of the member 5 and are formed with guide-ribs 10, which travel in the grooves 7, and thus maintain the sections in alinement with each other. The union 11, connecting the outer ends of the side arms of the strap, carries an apertured ear 12 for the passage of a depending marking-pin 13, provided at its upper end with a head 14 to support it from the ear. A cuff or sleeve 15 embraces the inner ends of the arms of the member 6 and the member 5 and forms a coupling to connect

them together. This sleeve carries a clamping-screw 16, adapted to draw it into clamping engagement with the gage-beam and fix the members thereof against relative movement.

It will be apparent from the foregoing construction that the gage or marker may be arranged to operate on either side of the plow and adjusted as to length to regulate the distance of the marking-pin 13 from the plow-beam, so that in the operation of plowing the distance between rows may be readily gaged.

In the operation of the device the plowman first runs a guide-row in the usual manner, and then by guiding the plow so that the pin 13 will travel immediately above the line of the guide-row the second row will be exactly parallel with the first, and in this manner the rows may be exactly gaged across the field and spaced the required distance apart. By moving the section 6 of the gage-beam in or out the distance between rows may be varied, as will be readily understood.

Having thus described the invention, what is claimed as new is—

A device of the character described comprising a bracket having upstanding flanges, an extensible gage-beam comprising two telescopic sections, one of said sections embodying a bar provided with longitudinal grooves in the sides thereof and having at its inner end a coupling-head formed with a transverse eye, a bolt passing through said eye and the flanges of the bracket and pivotally connecting said coupling member thereto, the other section of the beam comprising a U-shaped metallic strap having its arms arranged to bear against the grooved sides of the bar and provided on their inner faces with longitudinal tongues engaging said grooves, the said strap being formed at its outer end or return portion with a suspending-eye, a sleeve embracing the beam members and slidable freely for adjustment on the arms of the strap, said sleeve being provided with a securing device to clamp the beam members in adjusted position, and a marking pin supported by the suspending-eye.

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

JAMES M. PERDUE.

Witnesses:

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D. G. D. ALLEN.