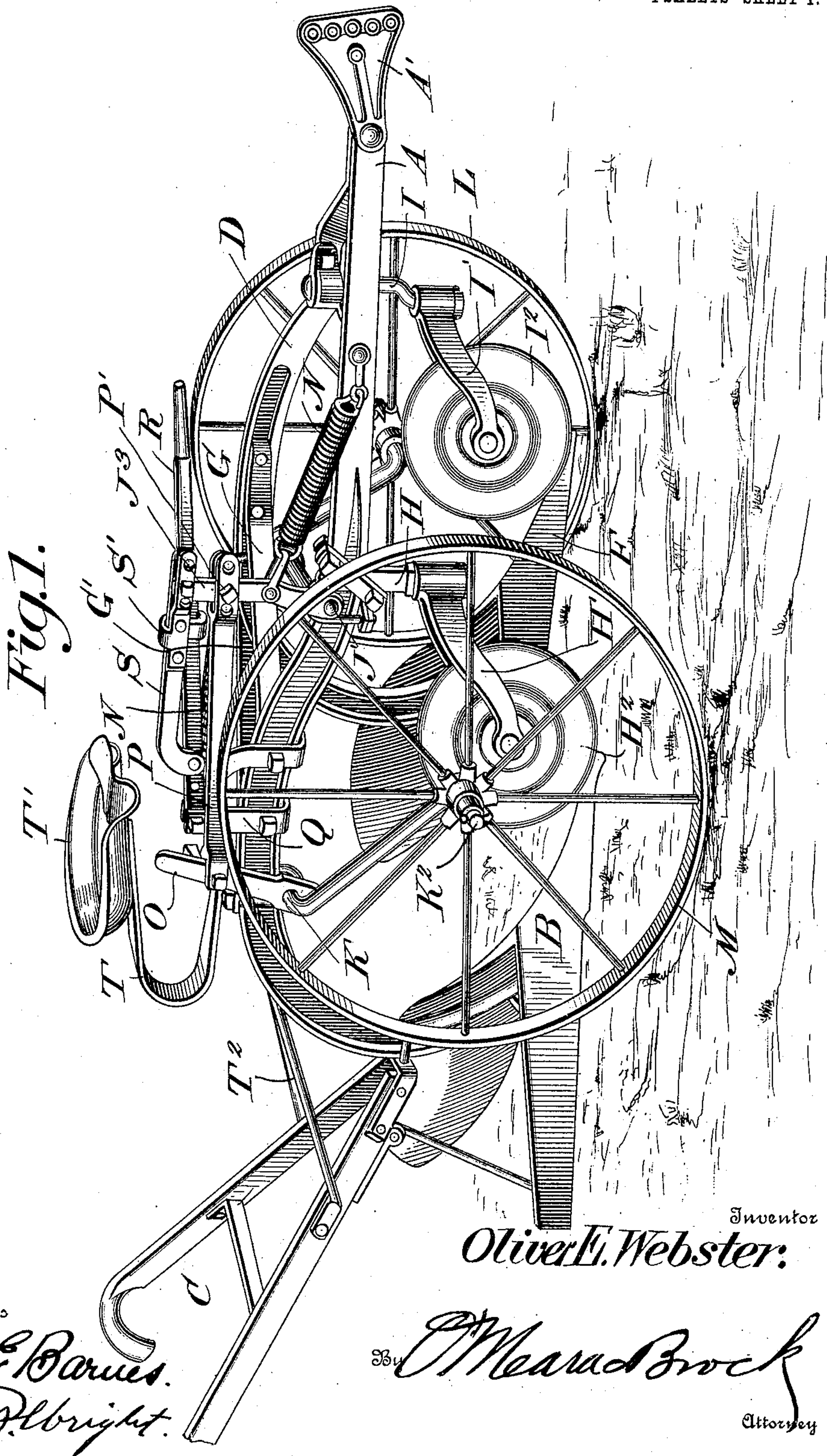


917,208.

O. E. WEBSTER.
WHEEL PLOW.
APPLICATION FILED MAY 27, 1907.

Patented Apr. 6, 1909.
4 SHEETS—SHEET 1.



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WHEEL PLOW.

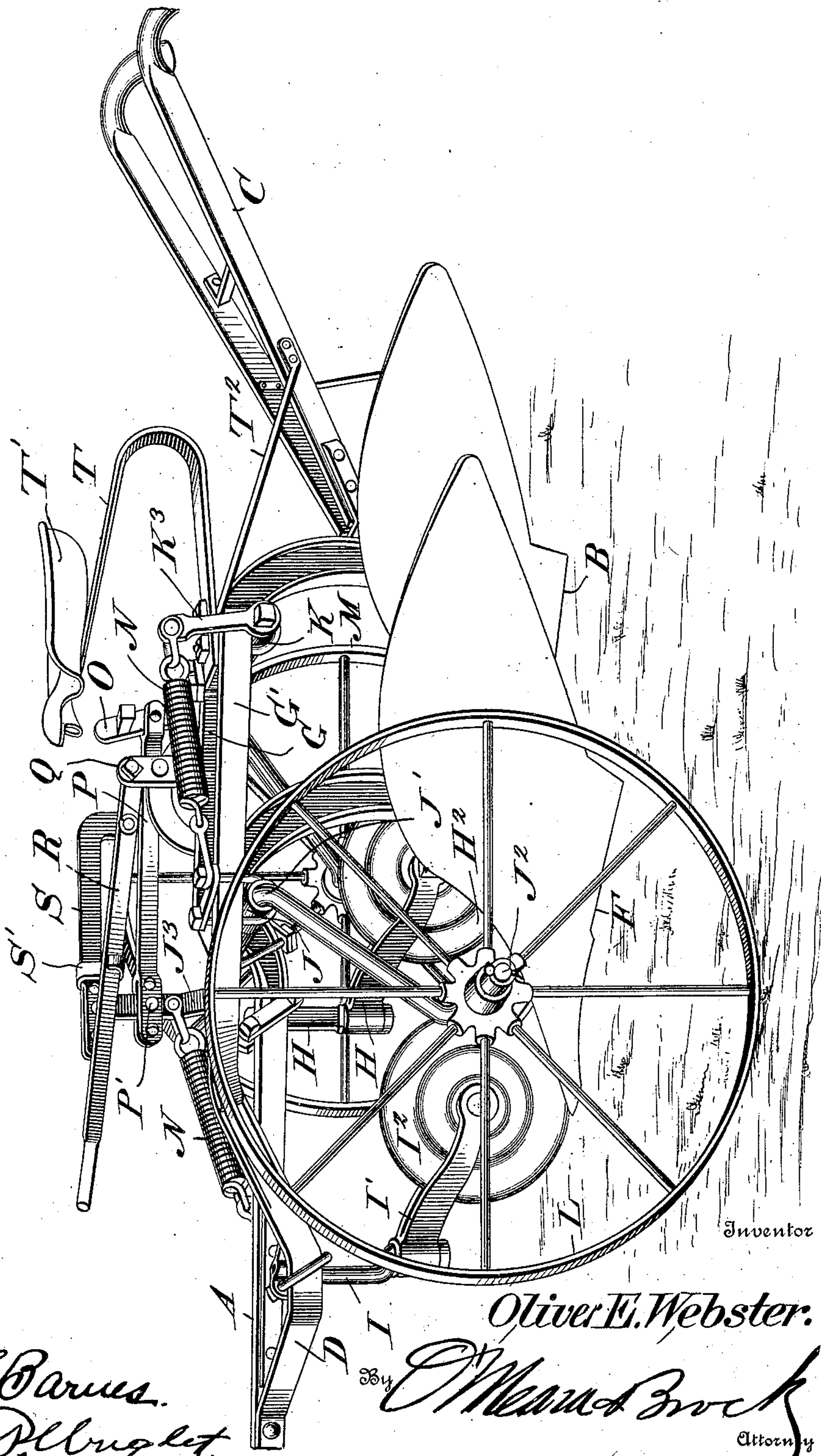
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4 SHEETS—SHEET 2.

Fig. 2.



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4 SHEETS—SHEET 3.

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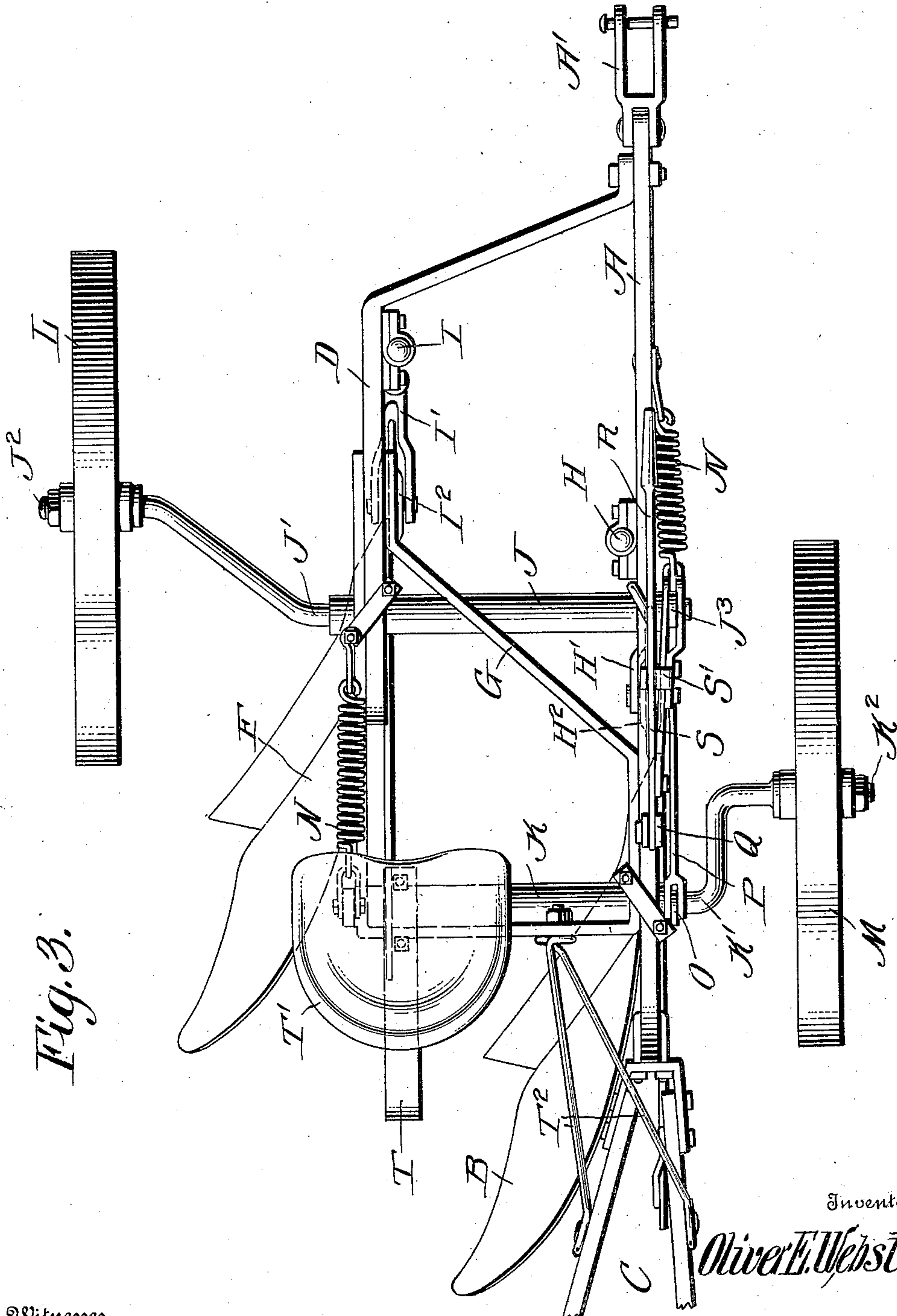


Fig. 3.

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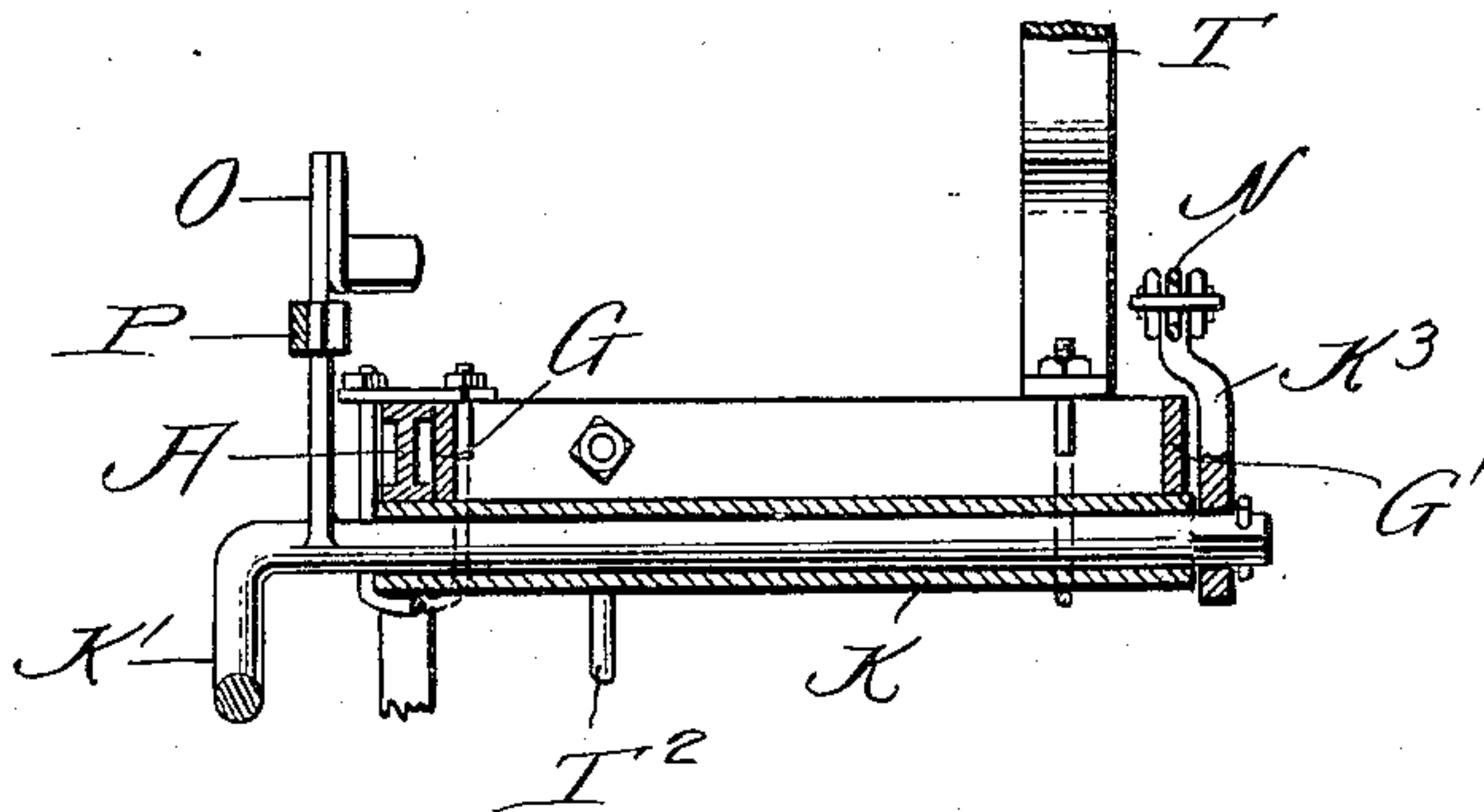
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WHEEL PLOW.

Patented Apr. 6, 1909.

4 SHEETS—SHEET 4.

Fig. 5.



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UNITED STATES PATENT OFFICE.

OLIVER E. WEBSTER, OF SUMMITVILLE, INDIANA, ASSIGNOR OF ONE-HALF TO JAMES F. FULTON, OF SUMMITVILLE, INDIANA.

WHEEL-PLOW.

No. 917,208.

Specification of Letters Patent.

Patented April 6, 1909.

Application filed May 27, 1907. Serial No. 375,884.

To all whom it may concern:

Be it known that I, OLIVER E. WEBSTER, a citizen of the United States, residing at Summitville, in the county of Madison and State of Indiana, have invented a new and useful Improvement in Wheel-Plows, of which the following is a specification.

This invention relates to wheel plows and more particularly to gang wheel plows; the object being to provide means for adjusting the plows so that they can both be raised or lowered with one lever at once.

Another object of my invention is to provide a plow which is very strong and durable and one in which the plow can be adjusted so as to plow any depth desired.

With these and various other objects in view, the invention consists in the novel features of construction, combination and arrangement of parts, hereinafter fully described and pointed out in the claims.

In the drawings forming a part of this specification:—Figure 1 is a perspective view of my improved plow. Fig. 2 is a perspective view of the opposite side of the plow. Fig. 3 is a top plan view of the plow. Fig. 4 is a longitudinal section through my improved plow. Fig. 5 is a section taken on the line 5—5 of Fig. 4.

Referring to the drawings A indicates a plow beam having a clevis A' secured on its front end, and provided with a rear curved end, on which is secured an ordinary plow B, and handle C. Secured to one side of the beam adjacent its front end, is a beam D which is also provided with a curved rear end, on which is secured a plow F. The beams being secured together by braces G, G' forming the frame of the plow.

Bars H and I are secured to the beams A and D, on the lower ends of which are pivotally mounted forks H', I' carrying disk colters H² I² adapted to travel in front of the respective plows. Secured to these beams by clip-bolts are bearing sleeves J and K, in which are mounted the crank-arms J', K' of crank axles J² K², on which are mounted the furrow wheel L, and a land-wheel M. Arms J³ K³ are secured on the ends of the crank-arm of the axles, to which are connected the ends of coiled-lift springs N, carried by the bars for helping to lift the plows up as will be hereinafter fully described.

An arm O is secured on the crank-arm K'

around which is secured the bifurcated end of a link P, by a bolt, the opposite end of which is forked, having a series of openings formed in the arms of the fork through which a bolt P' is adapted to pass, and secure the bar over the arm J³ so that by adjusting the bar on the arms, the plow can be raised or lowered so as to plow any depth desired.

A bracket Q is secured to the beam A on which is pivotally mounted a lever R, to which is connected the angled end of a bar S, having a bifurcated end, the walls of which are provided with apertured openings through which a pin is adapted to pass and secure the link over the arm J³ so that when the lever is swung forward or backward, the crank-arms will be turned forcing the wheel backward or forward so as to raise or lower the plows. The link being provided with a hook S', forming a stop for the lever, so as to prevent the same from being forced down too far.

A bowed spring T is secured on the bar A, carrying a seat T' and the handles C are connected to the bars by braces T².

From the foregoing description it will be readily seen that I have provided a very novel means for adjusting the wheel by moving the lever forward or backward so as to raise or lower the plow, as desired, and one which will be securely held in position by the lever being off dead center.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent is:—

1. In a wheel plow, the combination with spaced beams, of crank axles provided with crank arms mounted in bearings carried by the beams, arms secured on said crank arms, a link provided with bifurcated ends over said arms and connecting said arms together, coil springs connected to said arms and to the respective beams, a bracket carried by one beam, a lever mounted in said bracket, a bar having an angled end pivotally mounted on said lever, the free end of said bar being connected to one of said arms, and a stop carried by said bar adapted to be engaged by said lever.

2. In a wheel plow, the combination with plow beams, of crank axles provided with crank arms mounted in bearings secured to the respective beams, arms secured on said crank arms, a link connecting said arms

provided with means at one end for adjusting it on the respective arms, coil springs connecting said arms to the beams, a bracket secured to one of the beams, a lever mounted
5 in said bracket, a bar provided with an angled end pivotally mounted on said lever, the free end of said bar being provided with means for adjustably connecting it to one of said arms and a hook carried by said bar
10 adapted to receive said lever.

3. In a wheel plow, the combination with a pair of plow beams spaced apart, parallel

with each other, of bearing sleeves carried by said beams, crank axles provided with wheels mounted in said bearing sleeves, 15 arms fixed on said axles, a link connecting said arms, a bracket secured to one of the beams and a lever mounted in said bracket carrying a bar connected to one of said arms, whereby said axles can be adjusted.

OLIVER E. WEBSTER.

Witnesses:

THOS. N. INGLIS,

JOSEPH JOHNSON.