

No. 861,994.

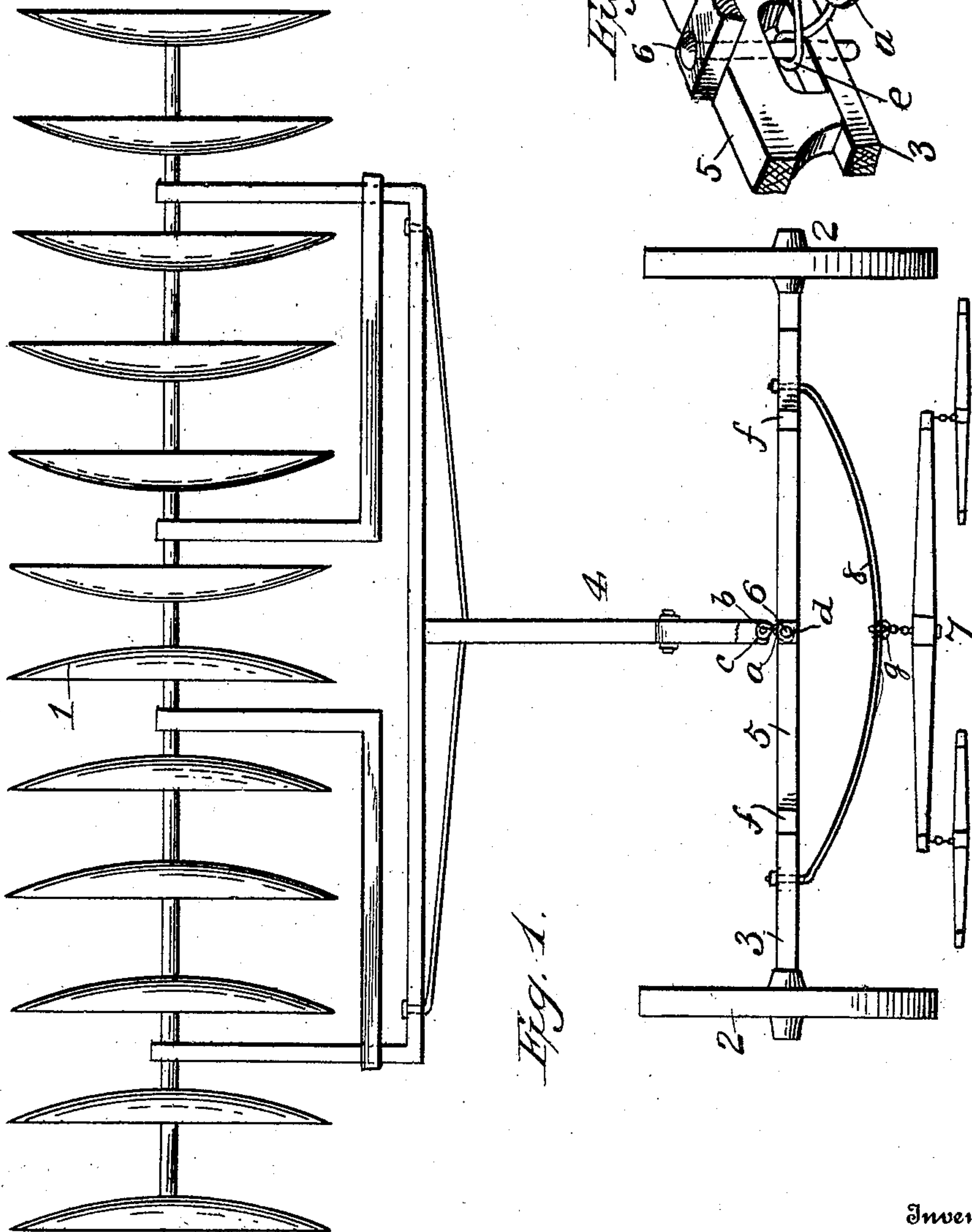
PATENTED JULY 30, 1907.

E. D. LEET.

PLOW.

APPLICATION FILED OCT. 11, 1906.

2 SHEETS—SHEET 1.



Inventor :

E. D. Leet

Witnesses:
L. J. McNamee
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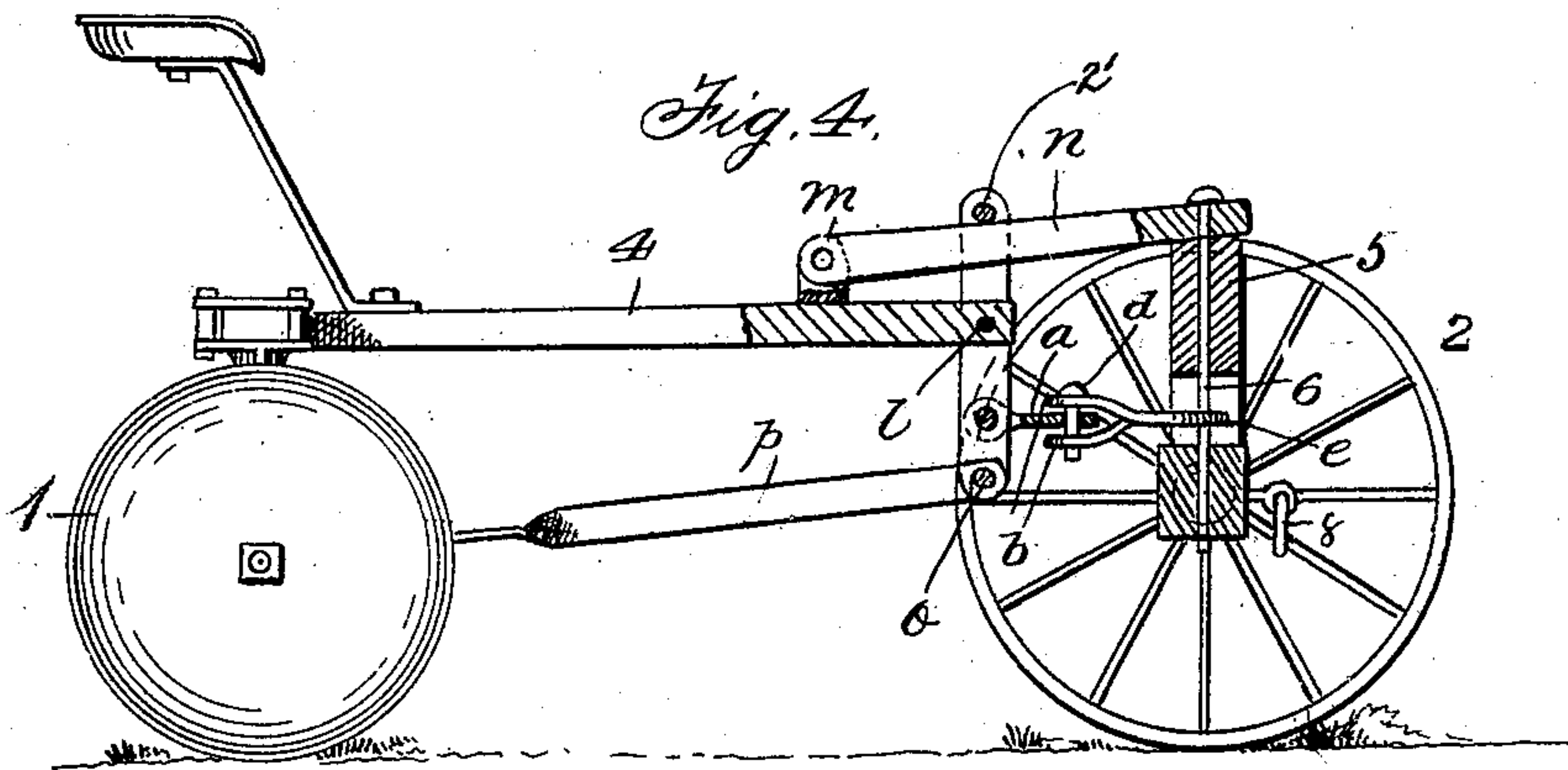
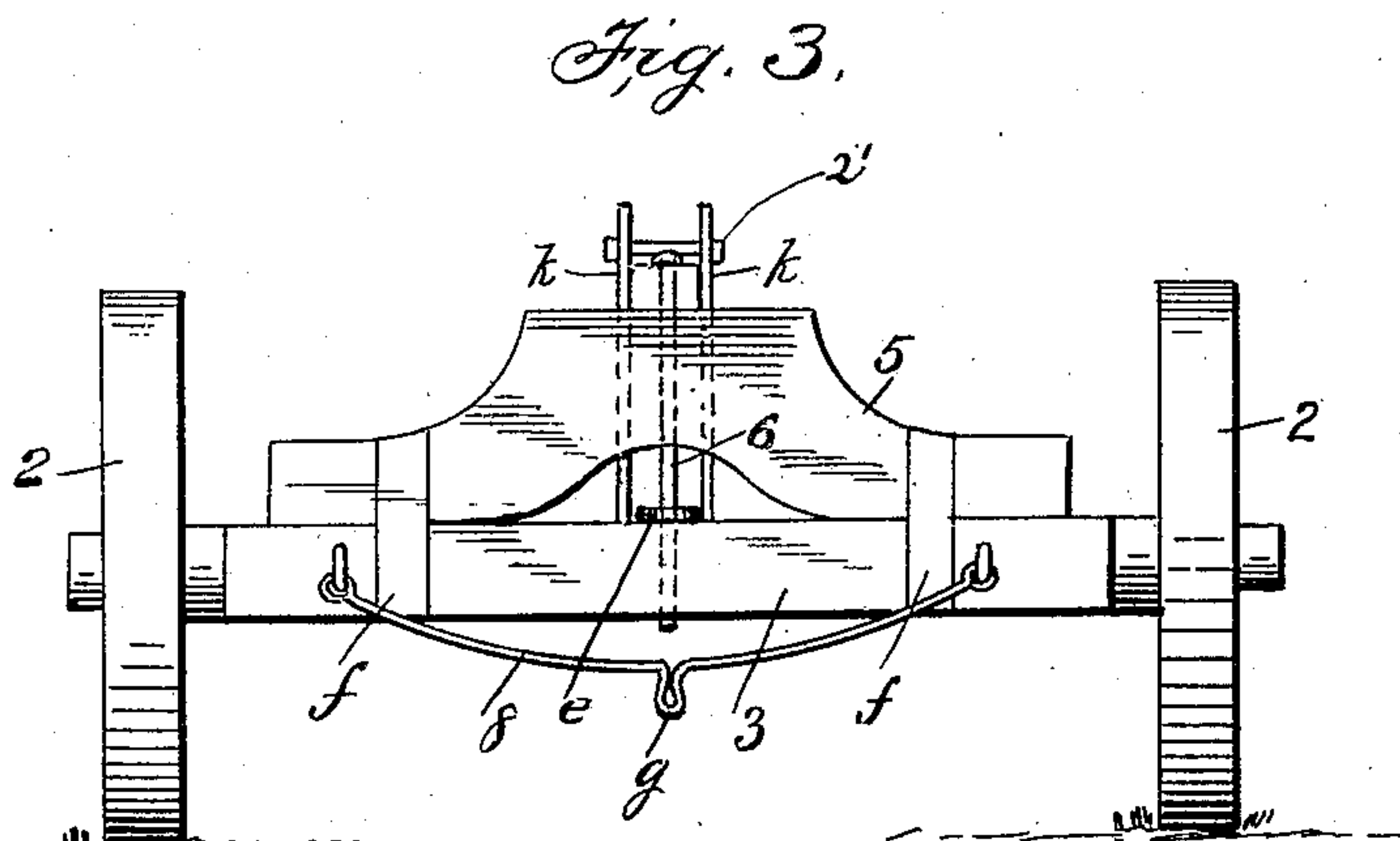
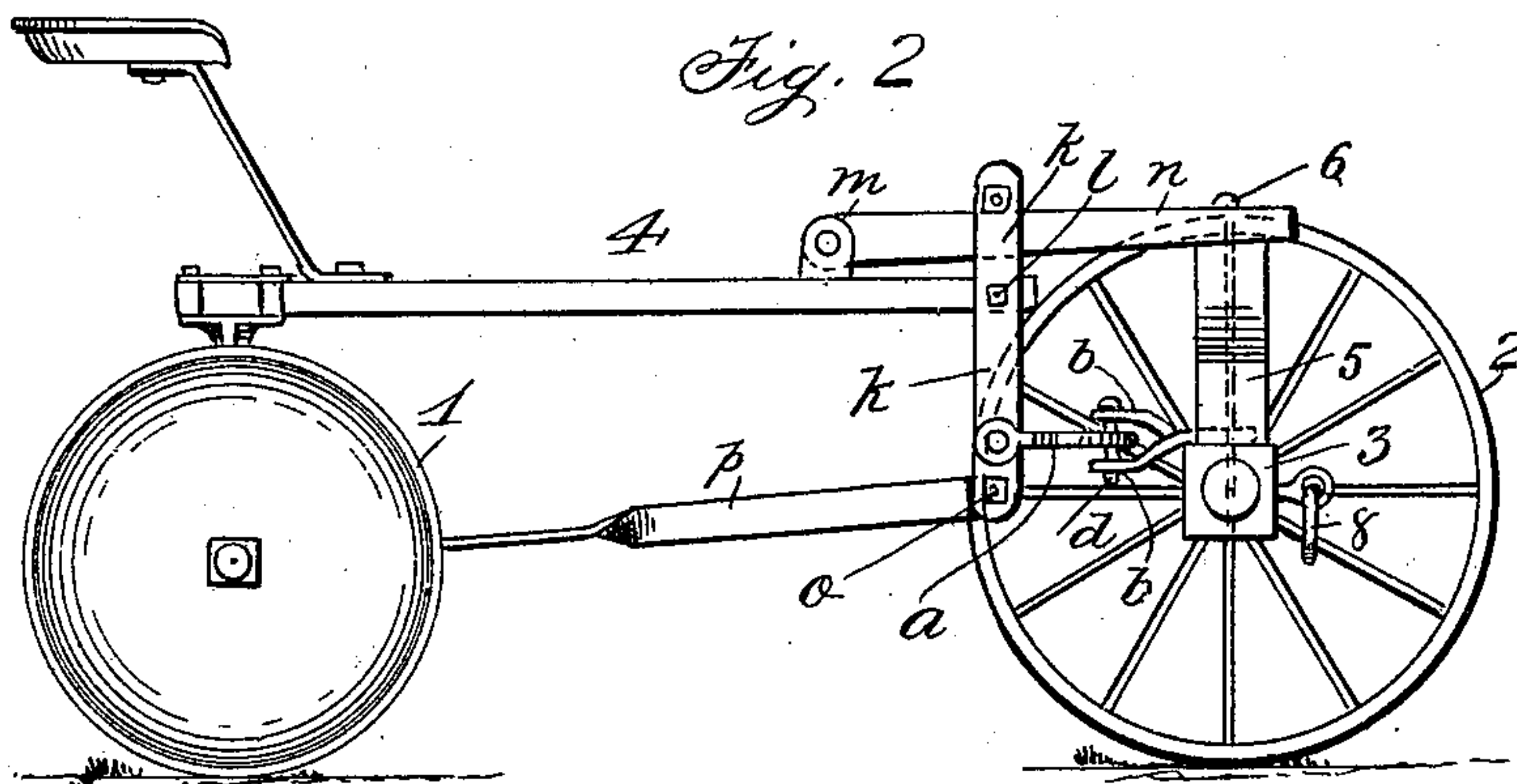
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UNITED STATES PATENT OFFICE.

EDWARD DUNCAN LEET, OF McLEAN COUNTY, KENTUCKY.

PLOW.

No. 861,994.

Specification of Letters Patent.

Patented July 30, 1907.

Application filed October 11, 1906. Serial No. 338,515.

To all whom it may concern:

Be it known that I, EDWARD DUNCAN LEET, a citizen of the United States, residing in McLean county, State of Kentucky, have invented certain new and
5. useful Improvements in Plows, of which the following is a specification.

My invention pertains to improvements in plows, particularly of the disk-type. Its object is to remove the weight of the draft-bar or pole from the horses or
10 animals, also to prevent the transmission of lateral or side draft to the latter and to accomplish the same in a simple, economic and effective manner.

Said invention consists of certain structural features or instrumentalities substantially as hereinafter fully
15 disclosed and specifically pointed out by the claims.

In the accompanying drawing illustrating the preferred embodiment of my invention—

Figure 1 is a plan view thereof. Fig. 2 is a side elevation of the same. Fig. 3 is a front elevation, and
20 Fig. 4 is a vertical section taken about centrally through the draft appliances. Fig. 5 is a detailed perspective view showing more particularly the clevis-connections.

In carrying out my invention, I suitably connect to the frame of a plow 1, preferably of the disk-type, or
25 other form of plow, or a mower, suitable truck-wheels 2 and their axle 3, in the following manner: A seat-carrying beam or reach 4, suitably connected to, and supported at one end from the plow-frame 1, has its forward end held between parallel upright connected-
30 together bars *k* by a bolt *l* passed through said bars and said beam and which upright-bars are suitably equipped near their lower ends with an ordinary clevis *a* which is coupled to the eye-ended terminals *b* of a twisted clevis *c*, by means of a bolt *d* inserted through
35 the aforesaid clevis *a* and said eye-ended terminals. A bolt 2' is inserted through the lateral upright bars *k*, at their upper ends for the retention of the same together at that point. The opposite looped end of said twisted clevis is inserted between the axle 3 and its
40 bolster 5 and held thereto by the usual king-bolt 6 passing through said loop or eye *e* and said axle and bolster, suitably secured to the axle by nut-equipped clips or cuffs *f* embracing the same, as well understood.

The seat-carrying beam or reach 4 has suitably clipped
45 to its upper side, a suitable distance from its forward end, as at *m*, a short tongue-like member or bar *n*,

passing, and suitably held between the upright bars *k*, near their upper ends, said bar *n* having its extreme forward end resting upon the bolster *b* and the king-bolt 6 also passing there through. Said upright bars
50 have suitably attached or coupled to, and between their extreme lower ends as at *o* the plow-frame draft-bar *p*.

A gang of whiffletrees 7 for hitching the team to the plow is connected to the axle 3 by suitable means, as
55 by a metal-bar 8, with a loop *g* at its midlength for the attachment thereto of the draft-bar-member equipped with the usual whiffletree-members forming said gang of whiffletrees, said metal-bar being suitably connected
60 to said axle, preferably as shown. From this arrangement, it is apparent that, the use of a tongue or draft-pole proper being dispensed with, the burden of carrying the same is taken off the team, while lateral or side
65 draft or thrusts from the disks or other plows, which would otherwise be received upon the team, do not have to be contended with, thus greatly lessening stress or hardship upon the latter from these sources and facilitating their pulling action, as will be readily appreciated.

I claim—

1. The combination of a plow, a frame for said plow, a reach or bar supported at one end from said plow-frame, a wheel-equipped axle, a bolster a draft-bar for said frame and plow, means for connecting said reach at its forward end to the axle-bolster, parallel upstanding bars effecting
70 connection between said reach and draft-bar, said axle and bolster provided with a king-bolt, and a clevis-connection between said upstanding bars and said king-bolt.

2. The combination of a plow, a frame for said plow, a wheel-equipped axle, a bolster a reach supported at one
80 end from said plow-frame, a draft-bar for said frame and plow, parallel upstanding bars effecting connection between said reach and draft-bar at their forward ends, said axle and bolster provided with a king-bolt, a pivoted bar
85 connected to said reach, near its forward end and passing between said upstanding bars and connected to said king-bolt, a clevis-connection between said upstanding bars and said king-bolt and a bail-like draft attachment applied to the forward side of said axle.

In testimony whereof I have signed my name to this
90 specification in the presence of two subscribing witnesses.

EDWARD DUNCAN LEET.

Witnesses:

W. A. TAYLOR,
W. A. RAFFERTY.