

898,991.

J. RAY.
PLOW.
APPLICATION FILED APR. 10, 1908.

Patented Sept. 15, 1908.

Fig. 1.

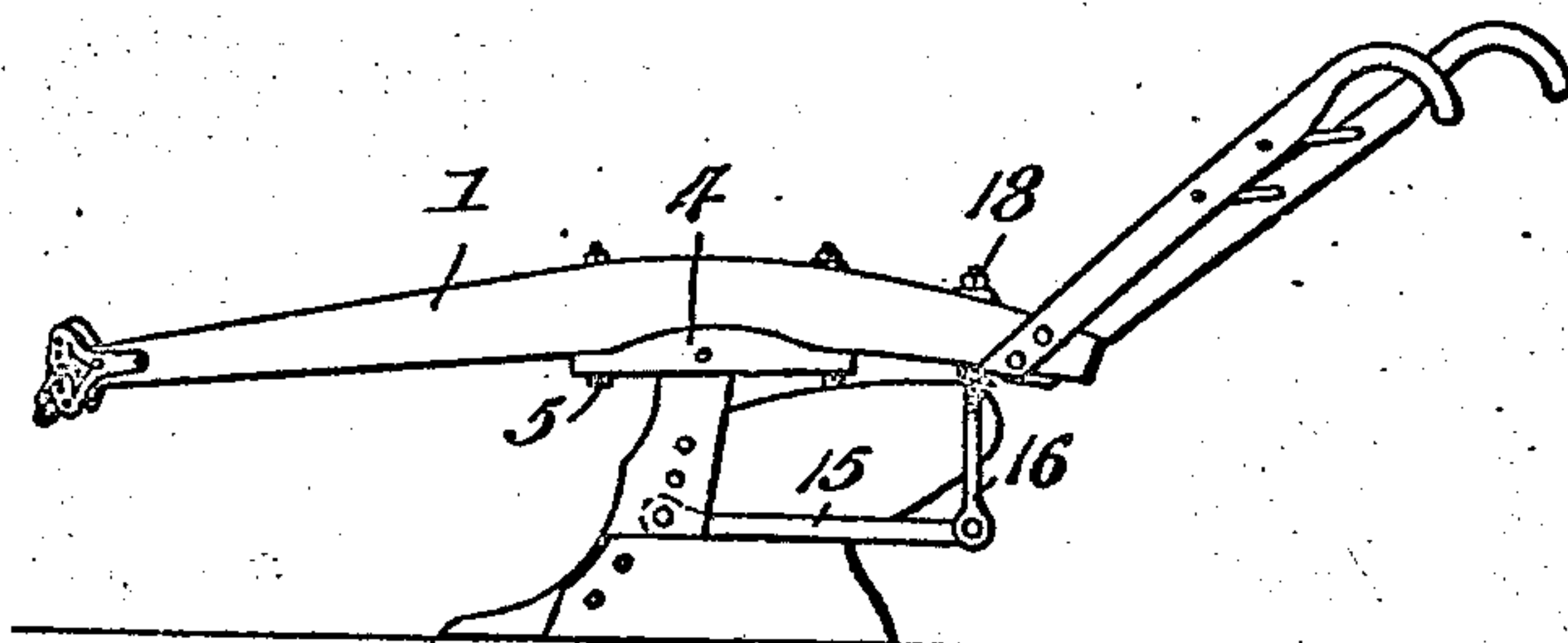


Fig. 2.

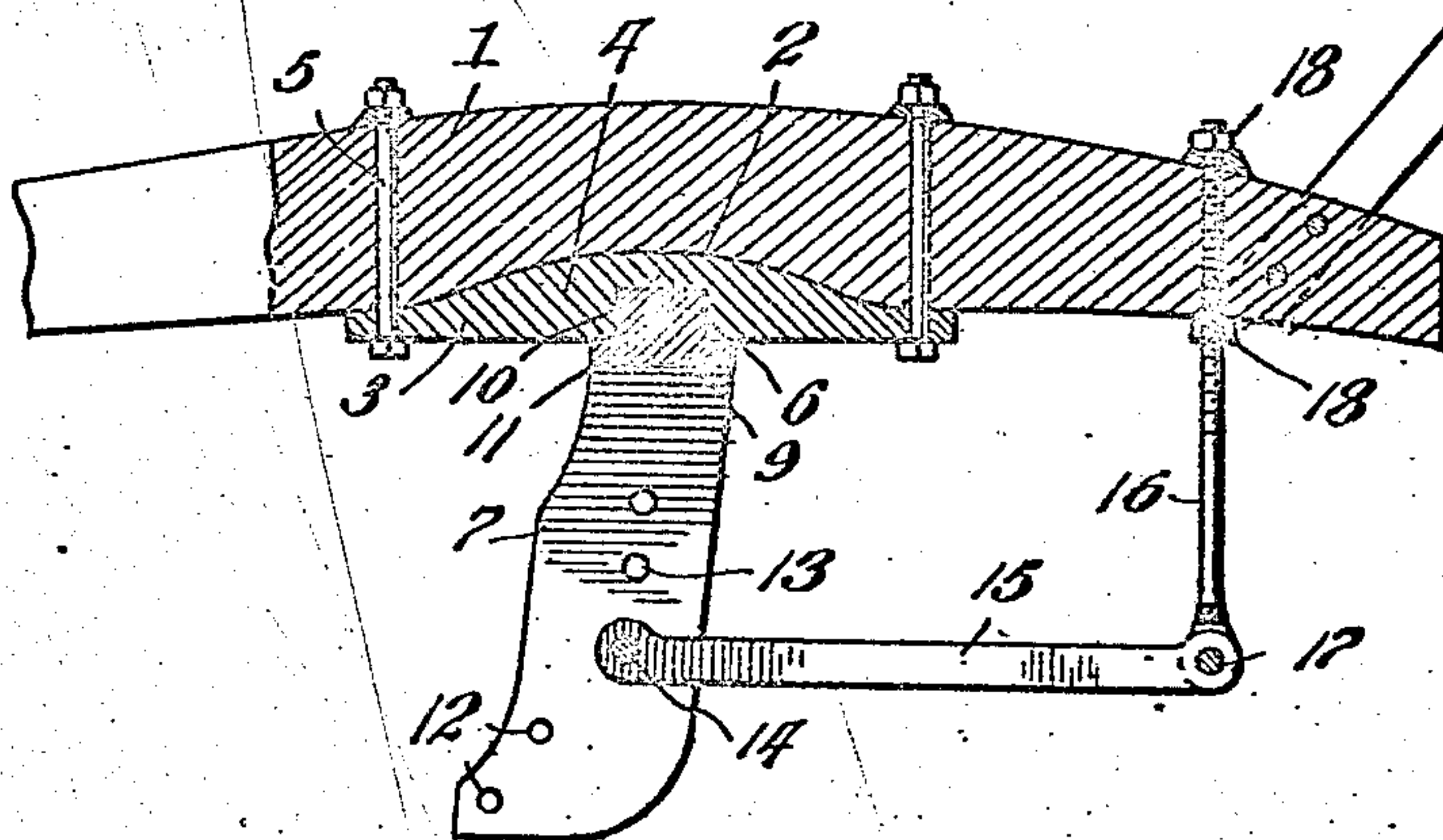
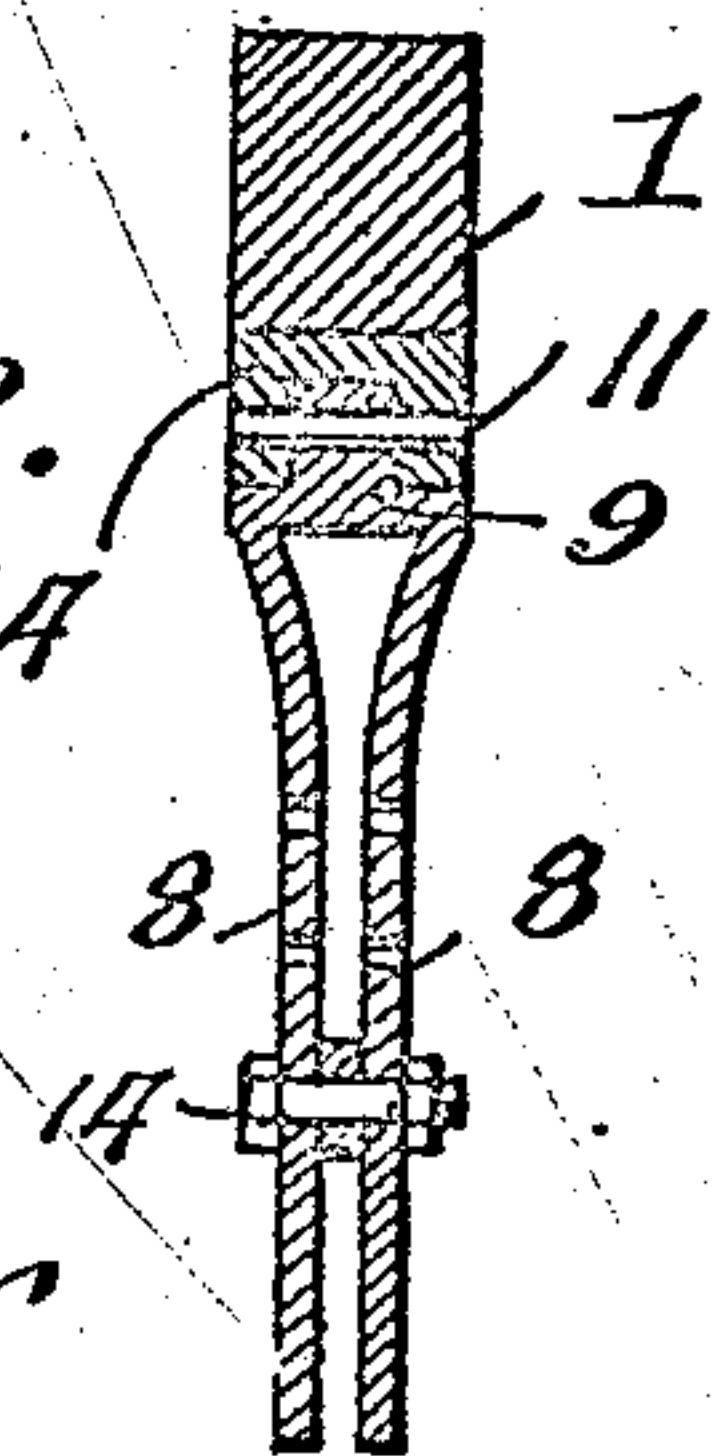


Fig. 3.



Witnesses

Frank B. Hoffman
C. C. Hines

Inventor

John Ray

By

Victor J. Evans

Attorney

UNITED STATES PATENT OFFICE.

JOHN RAY, OF KORAN, LOUISIANA.

PLOW.

No. 898,991.

Specification of Letters Patent.

Patented Sept. 15, 1908.

Application filed April 10, 1908. Serial No. 426,328.

To all whom it may concern:

Be it known that I, JOHN RAY, a citizen of the United States, residing at Koran, in the parish of Bossier and State of Louisiana, have
5 invented new and useful Improvements in Plows, of which the following is a specification.

This invention relates to improvements in plows, contemplating particularly a novel
10 construction of foot or standard and means for attaching the same to and bracing it from the beam, the bracing means being adjustably connected with the standard for attachment thereto at different elevations,
15 so as to provide for the application to the standard of the ordinary mold board and shaft, plow shovels of different forms and other types of ground-working implements.

The invention consists of the features of
20 construction, combination and arrangement of parts hereinafter fully described and claimed, reference being had to the accompanying drawing, in which:—

Figure 1 is a perspective view of a plow
25 embodying my invention. Fig. 2 is a vertical longitudinal section on an enlarged scale through the beam, bracket and standard. Fig. 3 is a cross-section through the beam and standard.

Referring to the drawing, 1 designates the
30 beam of the plow having in its underside a recess 2, below which beam is disposed a longitudinally extending bracket plate 3 having a rib or projection 4 to fit within said recess, said bracket being secured at its ends to the
35 beam by bolts 5 and provided in its underside with a central socket or recess 6.

The standard 7 is longitudinally slotted or
40 bifurcated to provide a pair of spaced parallel arms 8 connected at their upper ends by a cross piece or head 9 having a tongue 10 entering the socket 6 in the bracket and detachably secured therein by a transverse
45 bolt 11, the tongue and socket being of angular form in cross-section to hold the standard against any tendency to lateral movement. This construction provides for the convenient application and removal of the standard,
50 attached to the one bracket.

The lower ends or arms of the standard may be provided with one or more openings
12 for the passage of bolts to secure an ordinary share and landside to be attached thereto, or to permit application of plow
55 shovels, sweeps and other land working devices of different styles or types, so that the plow may be employed for a variety of purposes. Above the openings 12 the arms of the standard are also provided with a series
60 of openings 13 for the passage of a bolt 14, the openings in the two arms being disposed in alinement at different elevations to provide for the arrangement of the bolt 14 at
65 different points in the length of the standard. A bracing link 15 is pivotally connected at its forward end to the bolt 14 and extends rearwardly therefrom and has its rear
end fitted within the slotted head or lower
70 end of a rod 16, to which it is pivotally secured by a bolt 17. The upper end of the rod passes through and has a threaded engagement with the standard and is secured thereto by upper and lower clamping bolts 18.

By the construction described, it will be
75 understood that the standard 7 is braced by the link 15 and rod 16, and that by engaging the bolt 14 with the different sets of openings 13 the forward end of the link may be connected with the standard at different eleva-
80 tions to enable ground-working devices of different types to be attached to the standard, the link being adapted to assume its different positions without disturbing the rod 16 by its pivotal connection with said rod. 85

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

1. In a plow, the combination of a beam, a bracket secured to the underside of the beam and having a socket, a standard having a
90 tongue at its upper end fitted and secured within said socket, a rod secured to and depending from the beam in rear of the standard and a bracing link pivotally connected with said rod and adjustably connected with
95 the standard for attachment thereto at different elevations.

2. In a plow, the combination of a beam, a bracket secured to the underside thereof, a
standard connected with the bracket and bi- 100

furcated to form spaced arms, each of said arms being provided with a series of openings, a rod secured to and depending from the beam in rear of the standard, a bracing
5 link pivotally connected at its rear end to said rod, and a bolt adapted to be passed through the forward end of the link and the openings in the arms of the standard for se-

curing the link to the standard at different elevations.

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

10

JOHN RAY.

Witnesses:

G. W. DUTZ,
H. D. HARDY.