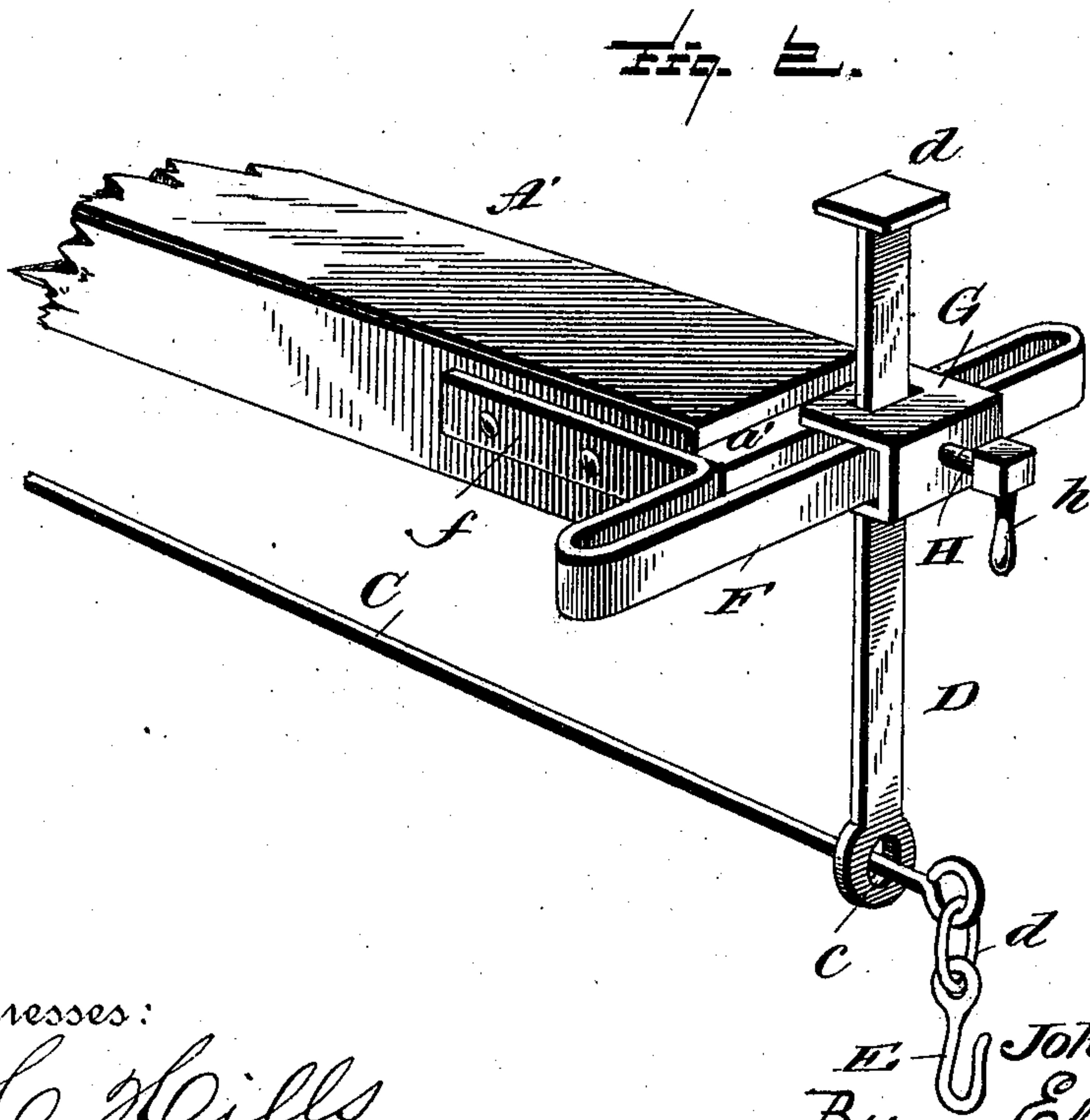
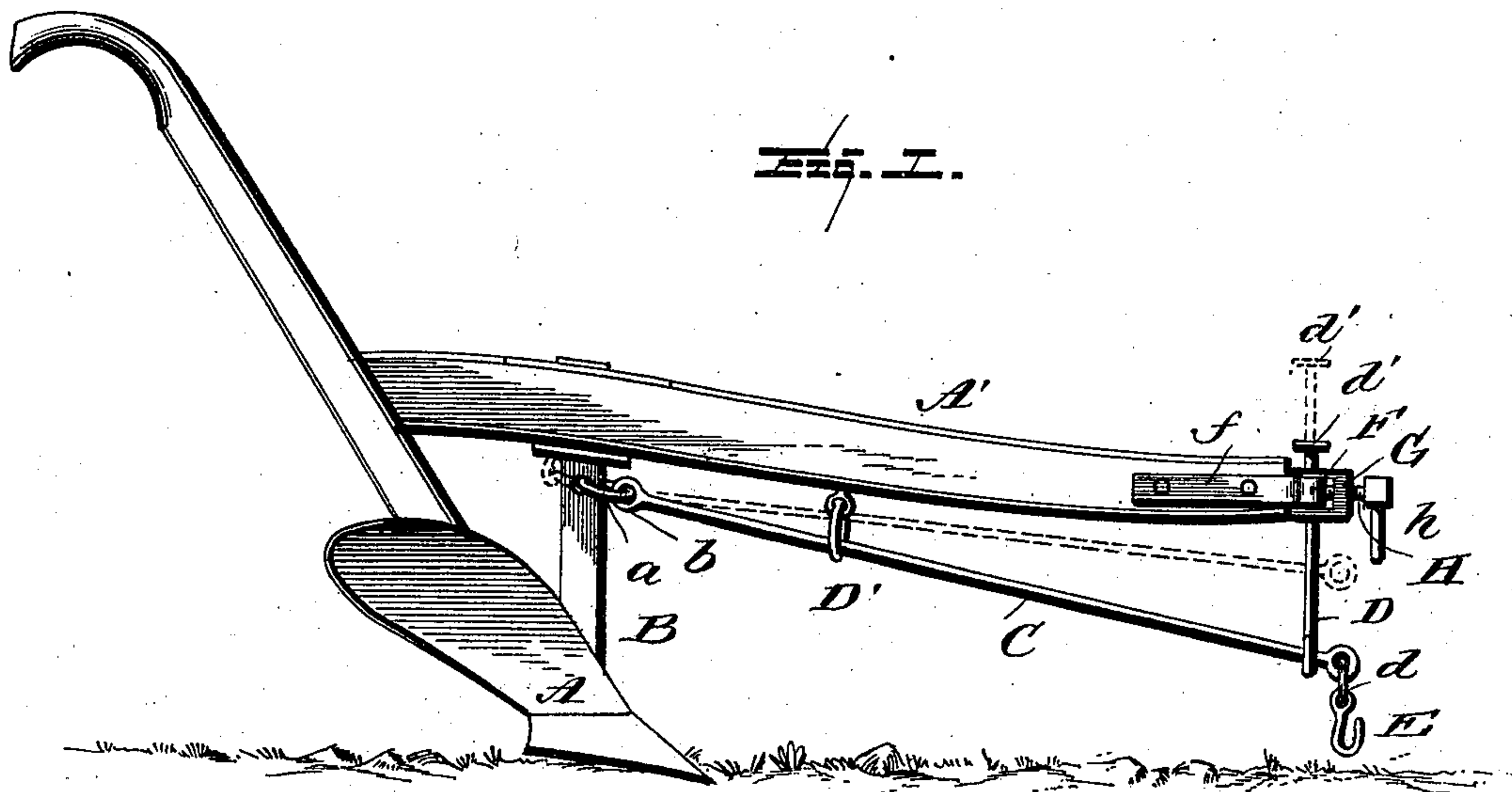


(No Model.)

J. BLUNCK.
PLOW.

No. 502,697.

Patented Aug. 8, 1893.



Witnesses:

L. C. Mills.
E. A. Bond

By

Inventor,

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Attorney

UNITED STATES PATENT OFFICE.

JOHN BLUNCK, OF ELMENDORF, TEXAS.

PLOW.

SPECIFICATION forming part of Letters Patent No. 502,697, dated August 8, 1893.

Application filed December 28, 1892. Serial No. 456,531. (No model.)

To all whom it may concern:

Be it known that I, JOHN BLUNCK, a citizen of the German Empire, soon to be naturalized as a citizen of the United States, residing at Elmendorf, in the county of Bexar, State of Texas, have invented certain new and useful Improvements in Plows, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain new and useful improvements in plows.

The objects and advantages of the invention will hereinafter appear and the novel features thereof will be specifically defined by the appended claim.

15 The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

20 Figure 1 is a side elevation of a plow provided with my improvements. Fig. 2 is an enlarged perspective detail of the parts constituting my invention.

Like letters of reference indicate like parts in both of the views.

Referring now to the details of the drawings by letter, A designates a plow of any suitable construction, and A' the plow beam. B is the standard connecting the beam with the plow in any well known way.

30 C is a draft rod pivotally connected at one end with the standard in any suitable way as for instance by a ring or link *a* loosely held in a hole in the standard and in a hole or eye *b* in the rod as seen best in Fig. 1. The other end of this rod is passed loosely through a hole or eye *c* in the lower end of the vertical bar D and to the end of this rod are attached in any suitable manner the draft appliances, a hook E being shown as connected therewith by ring or link *d*; this rod C may be supported between its ends as in a loop or ring D' supported from the under side of the plow beam as seen in Fig. 1.

45 F is a metal loop or band having its ends extended to embrace the forward end of the plow beam as seen at *f* to which they are secured, the loop portion extending a sufficient distance upon each side of the beam as seen in Fig. 2, the extreme end of the beam being provided with a shoulder *a'* as seen best in Fig. 2 to receive and support the ends of the clamp

G which are mounted to slide on the loop as seen in Fig. 2 and the horizontal portions of which are provided with openings to receive the vertical bar D as is also best shown in Fig. 2. The vertical bar is provided with a head *d'* to prevent its falling out, and both the bar and the clamp are designed to be held firmly in their adjusted positions by suitable means, as a set screw H provided with a suitable handle *h* by which it may be turned. This set screw passes through the front portion of the clamp and through the front portion of the loop F and bears against the vertical bar so that as the clamp is held against the loop the vertical bar will also be held firmly in place. Or, the screw need not be passed through the front portion of the loop but bear against the outer face thereof, and the vertical bar being held in the openings of the clamp, will be held by frictional engagement with the inner face of the front portion of the loop.

The clamp is moved to the right or to the left as occasion may require, and moved up or down according to the depth of cut desired.

The improvements may be readily applied to plows now in use, and will be found very useful and durable.

What I claim as new is—

The combination with the plow beam having horizontal shoulder at its front end, of the loop secured to the front end of said beam, the clamp adjustable on the loop with its rear ends supported on said shoulder, and having coincident slots in its parallel portion the vertical bar passing vertically through the slots said clamp, the set screw passed through the front portion of said clamp and bearing against the vertical bar and binding the same against the front end of the beam the standard, and the draft rod pivotally connected with the said standard and at its forward end carrying the draft appliances and loosely connected with the vertical bar, substantially as specified.

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

JOHN BLUNCK.

Witnesses:

RUSSELL HOWARD,
WM. M. FORD.