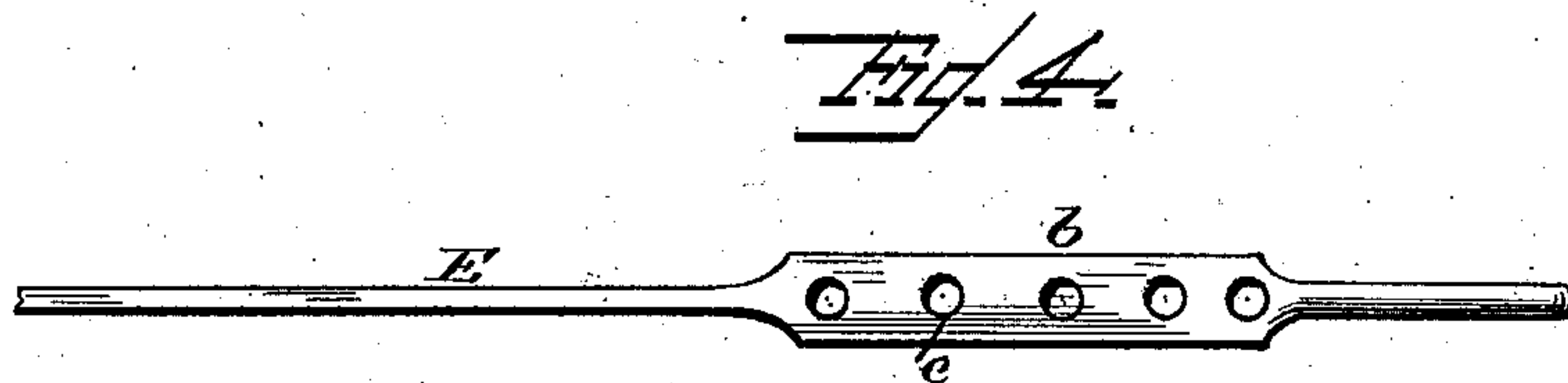
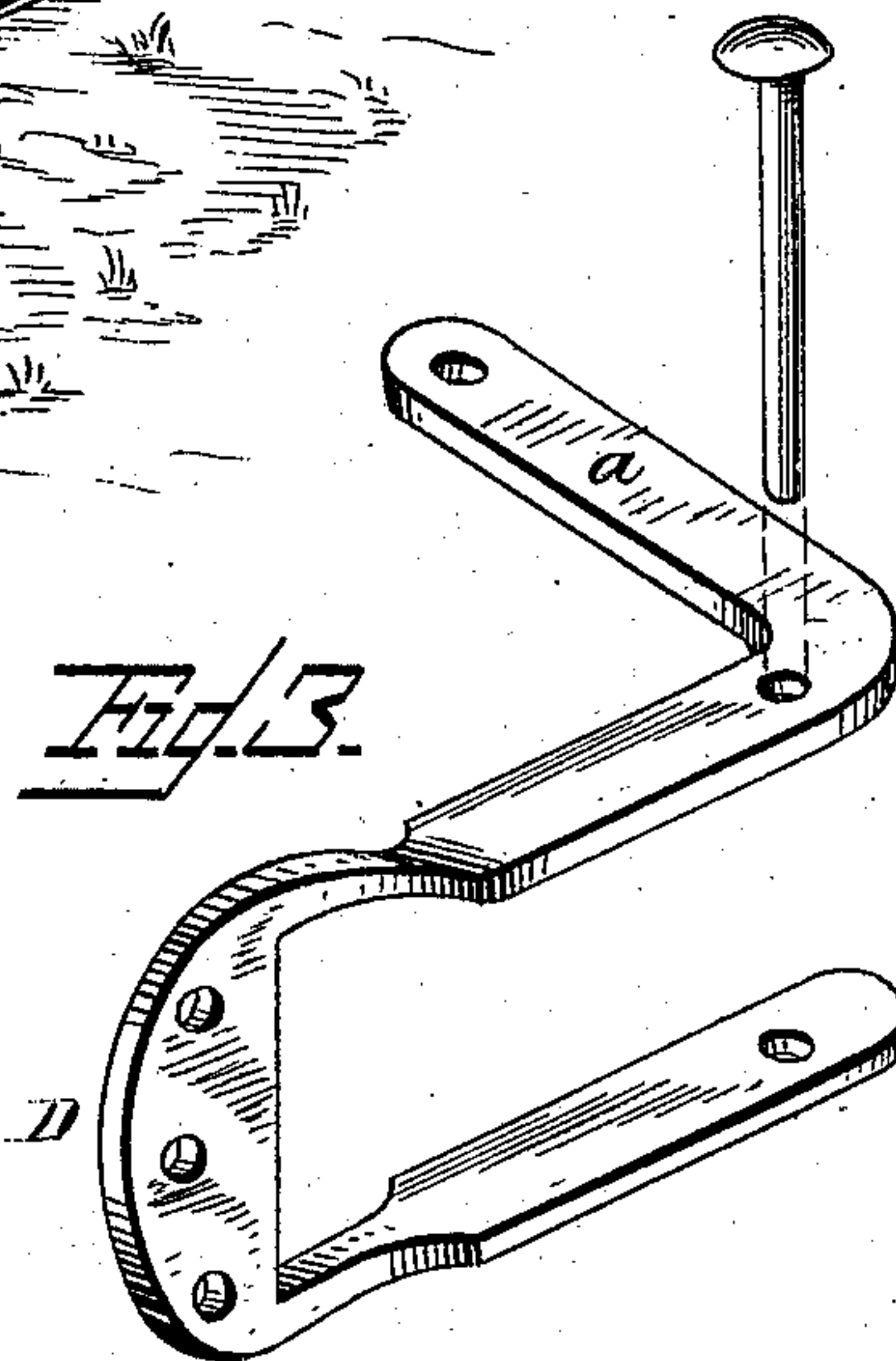
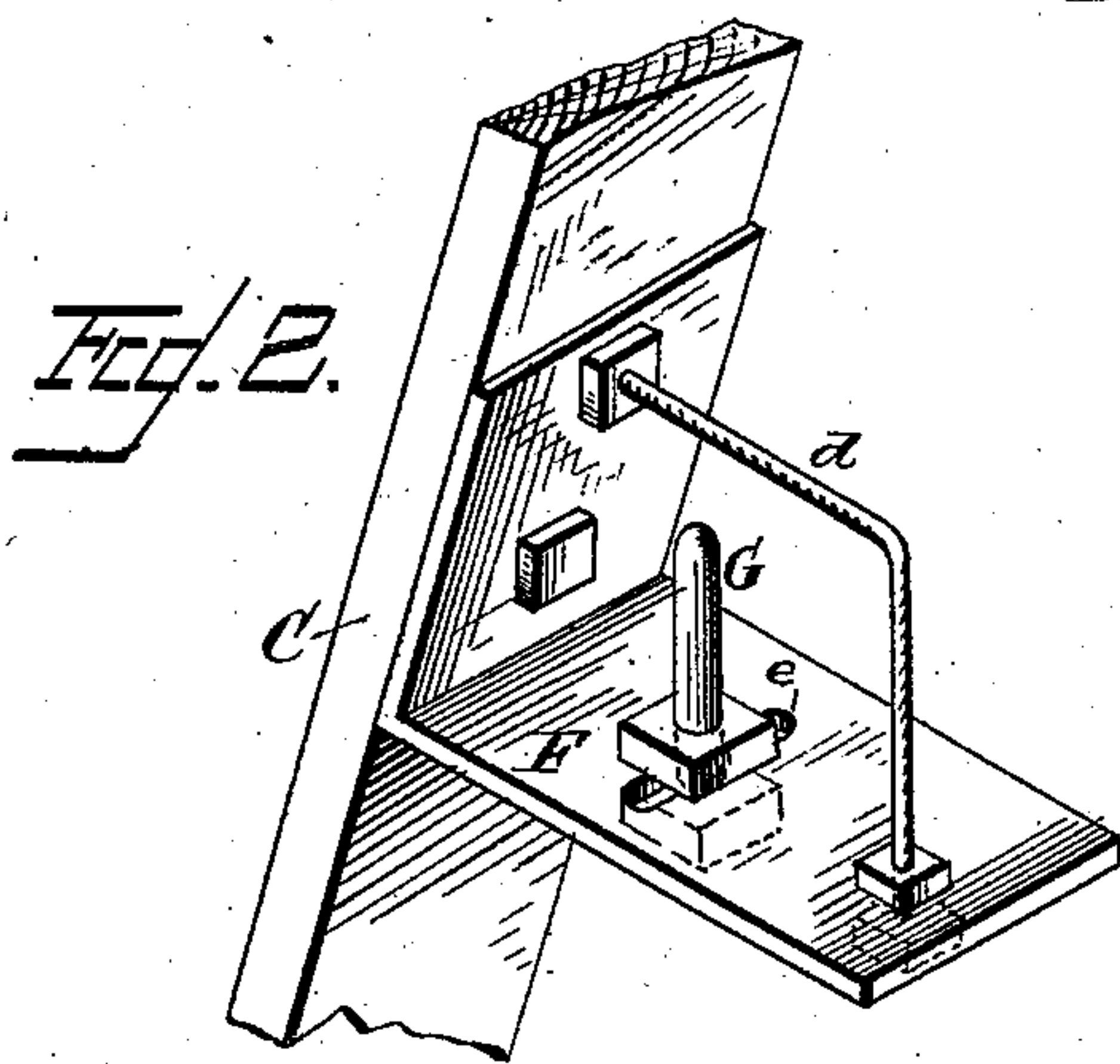
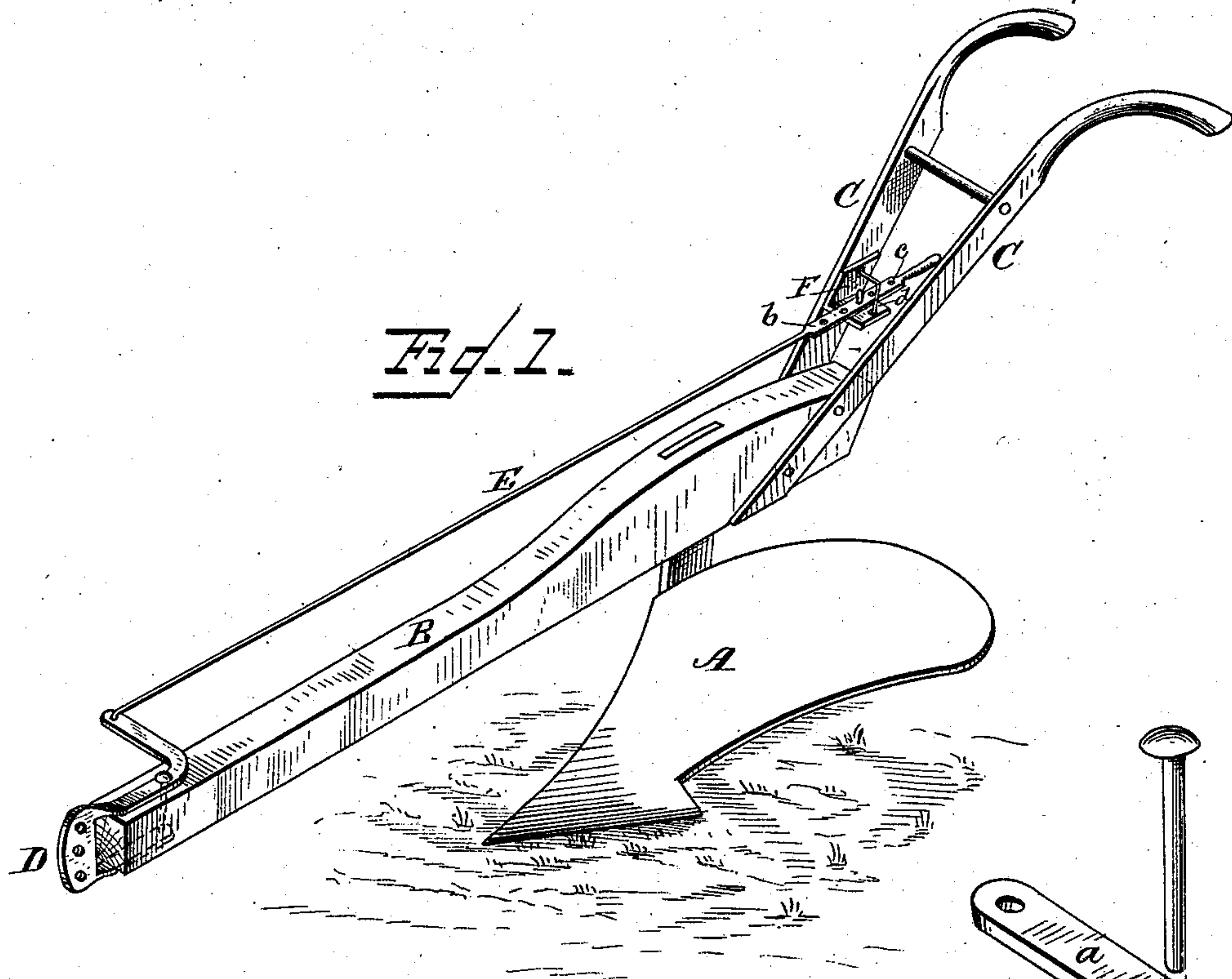


(No Model.)

F. A. BARROWS.
CLEVIS FOR REVERSIBLE PLOWS.

No. 294,431.

Patented Mar. 4, 1884.



WITNESSES
Frank L. Ouraud
N. E. Oliphant

INVENTOR
Francis A. Barrows
per Cha. H. Fowler
Attorney

UNITED STATES PATENT OFFICE.

FRANCIS A. BARROWS, OF CASTLETON, VERMONT.

CLEVIS FOR REVERSIBLE PLOWS.

SPECIFICATION forming part of Letters Patent No. 294,431, dated March 4, 1884.

Application filed December 28, 1883. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS A. BARROWS, a citizen of the United States, residing at Castleton, in the county of Rutland and State of Vermont, have invented certain new and useful Improvements in Clevises for Reversible Plows; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a perspective view of a plow embodying my invention. Fig. 2 is a detail view, in perspective, of the device for holding the lever-rod in position; Fig. 3, a similar view of the clevis, and Fig. 4 a detail view of the inner portion of the lever-rod.

The present invention has relation to that class of plows provided with an adjustable clevis and a rod for operating it.

The object of the invention is to improve the means for controlling the adjustability of the clevis, whereby the operation is rendered more simple and effective, and the construction of the device enabling it to be manufactured at a much less cost than heretofore, and more readily attached and applied to the plow. These objects I attain by the construction substantially as shown and described and hereinafter claimed.

In the accompanying drawings, A represents the plow, and B C the plow beam and handles, respectively, which are all of the usual construction, and form no part of my invention. The clevis D may be any of the usual forms, as I do not wish to be understood as confining myself to the construction shown, and is pivoted in the ordinary manner to the beam B. The clevis D is provided with a laterally-extending arm, *a*, preferably cast with said clevis.

To the extremity of the arm *a* is suitably connected one end of a lever-rod, E, of sufficient length to extend back to the plow-handles, by which the clevis is operated or turned to either side to govern the furrow-slice. The rod E, near its inner end, is flattened a portion of its length, to form a plate, *b*, in which is made a series of perforations, *c*, the ex-

trermity of said rod in the rear of the plate being formed into a suitable handle of any desirable shape, so as to be conveniently grasped by the hand in operating the rod.

To the inner side of one of the plow-handles C is bolted or otherwise secured an angle-plate, F, which has connected to it a guard, *d*, for the inner extremity of the rod E. The horizontal portion of the angle-plate F is provided with an elongated slot, *e*, through which passes a pin, G, said pin being adjustable in a direction crosswise of the plate, and held at the point of adjustment by suitable jam-nuts—one above and the other below the plate—said nuts engaging with the screw-threads on the shank of the pin. Any suitable means, however, may be employed for rendering the pin adjustable and holding it where adjusted; but the construction shown is most preferred. The pin G enters one of the perforations or holes *c*, so as to hold the rod E stationary after properly adjusting the clevis D.

Between the end of the pin G and the guard *d* is left a sufficient space for lifting the rod E above the end of the pin, to disengage it therefrom when it is desired to operate the rod for moving the clevis to either the right or left. The object of this adjustment of the clevis is to accommodate the width of furrow to the plowman, and is especially adapted to reversible or swivel plows.

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

A pivoted plow-clevis provided with a laterally-extending arm and a lever-rod connected thereto, and having at its rear end a series of holes or perforations, in combination with an angle-plate provided with a guard and a transversely-adjustable pin adapted to enter one of the series of holes or perforations in the rod, substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

FRANCIS A. BARROWS.

Witnesses:

ERASTUS H. PHELPS,
MARCILIAN MAYNARD.