

(No Model.)

J. L. BRINLY.

Plow.

No. 229,367.

Patented June 29, 1880.

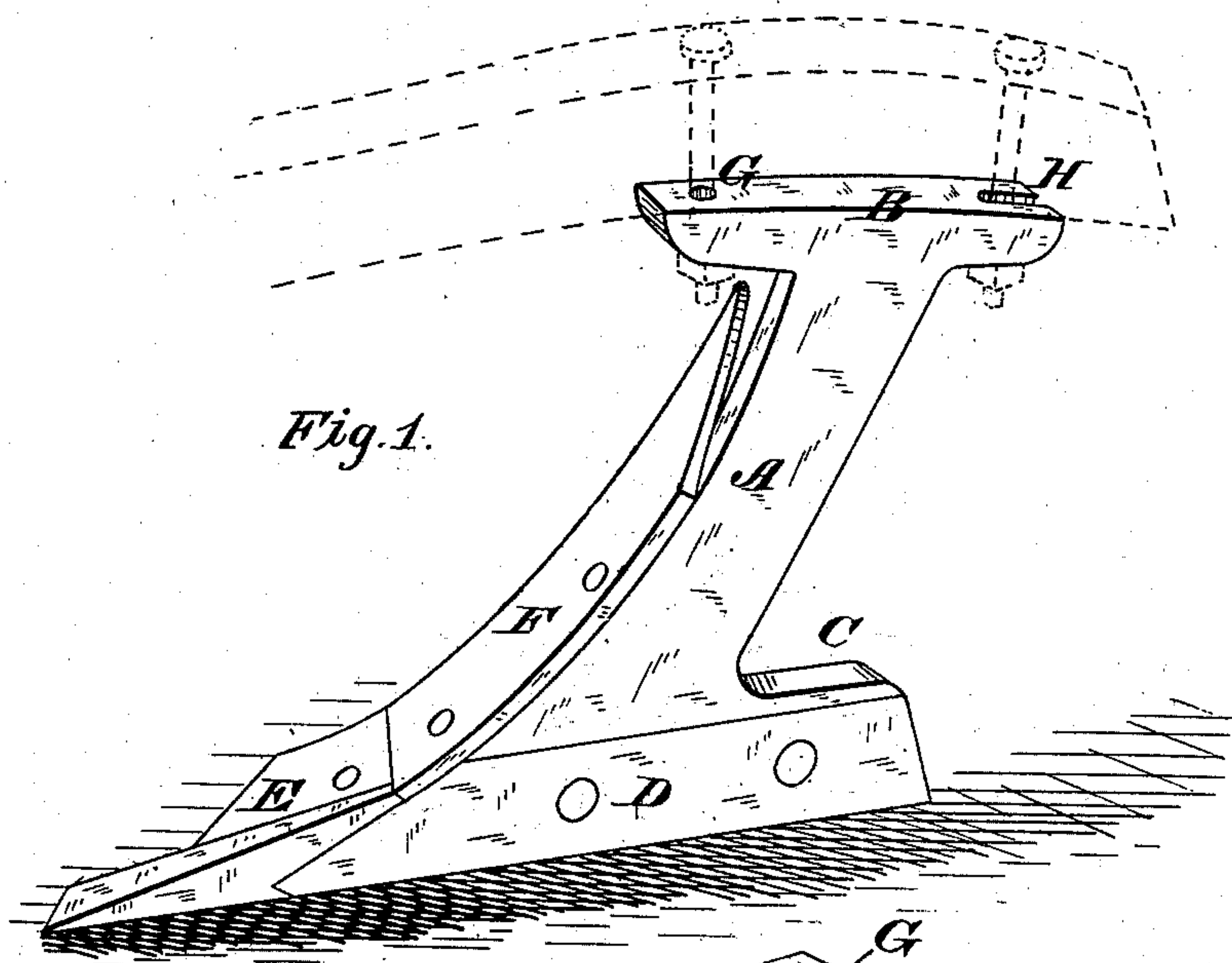


Fig. 1.

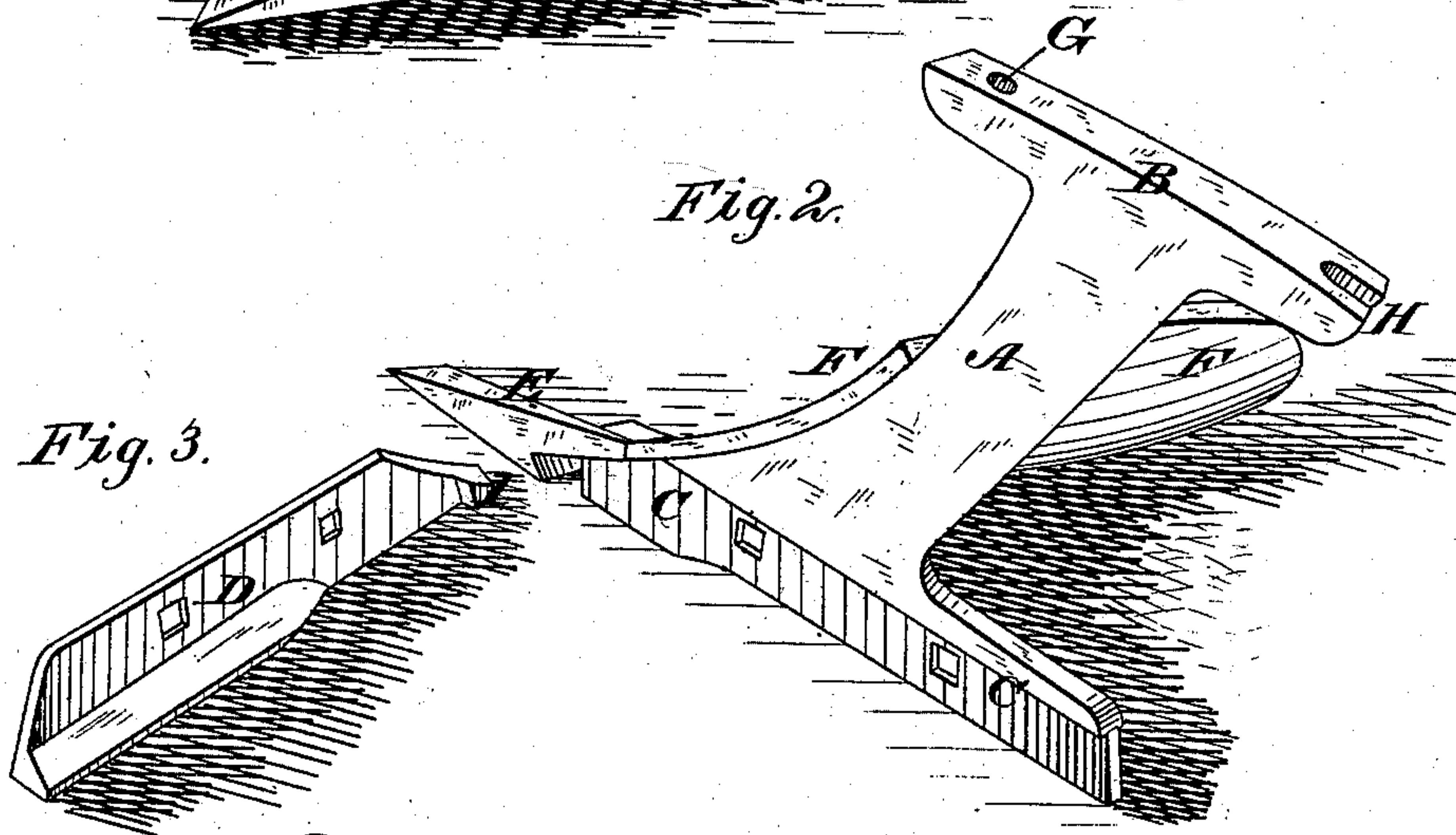


Fig. 2.

Fig. 3.

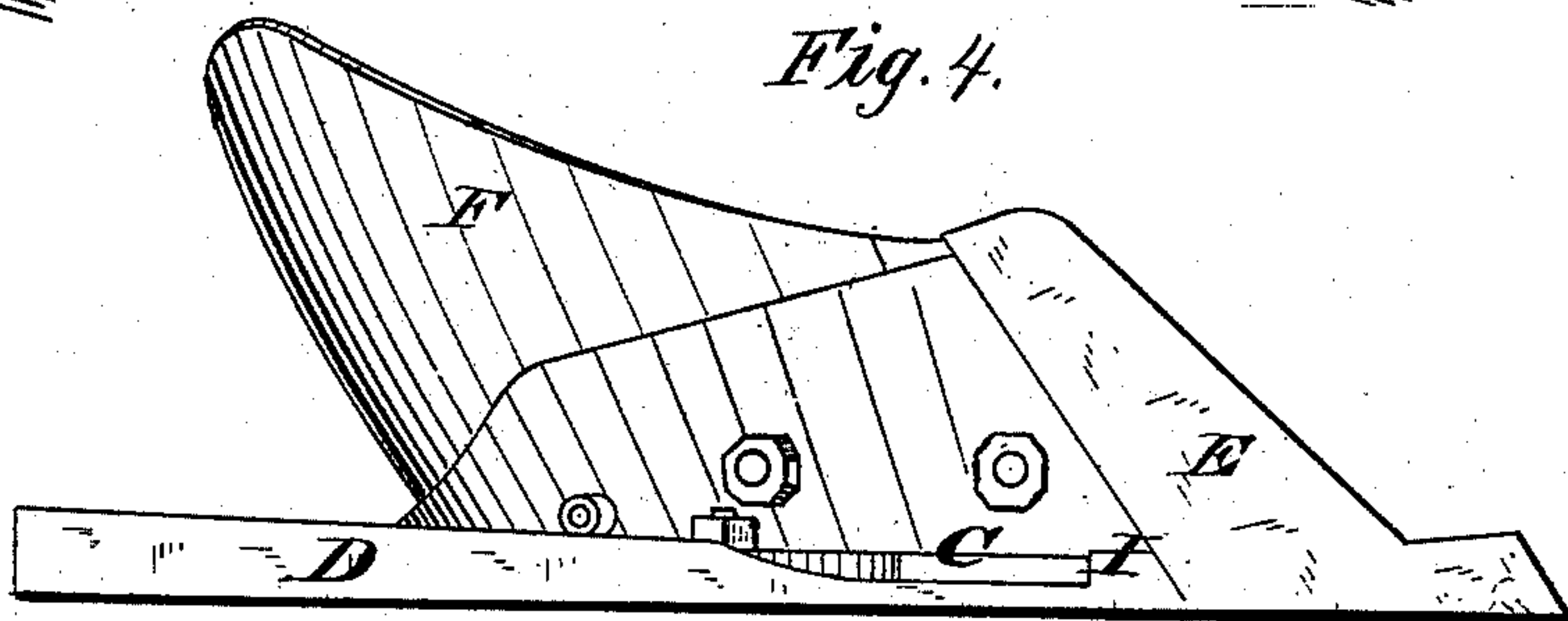


Fig. 4.

WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN L. BRINLY, OF LOUISVILLE, KENTUCKY.

PLOW.

SPECIFICATION forming part of Letters Patent No. 229,367, dated June 29, 1880.

Application filed April 21, 1880. (No model.)

To all whom it may concern:

Be it known that I, JOHN LYLE BRINLY, of Louisville, in the county of Jefferson and State of Kentucky, have invented a new and useful Improvement in Plows, of which the following is a specification.

Figure 1 is a front perspective view of the improvement. Fig. 2 is a rear perspective view of the same, the land-side being removed. Fig. 3 is a perspective view of the land-side. Fig. 4 is a bottom view of the plow.

The object of this invention is to prevent the plow from being broken should the front bolt that secures the plow to the beam break, and to facilitate the renewal of the land-side when worn.

The invention consists in constructing the standard with a slot in the rear end of its cross-head, to prevent the standard from being broken should the forward bolt break, and also in constructing the land-side with an inwardly-projecting lug or hook upon its forward end, to serve as a renewable point to the foot or bar, as will be hereinafter fully described.

A represents the standard; B, its cross-head top, and C the foot or bar. D is the land-side. E is the point, and F is the mold-board.

In the forward end of the cross-head top B is formed a hole, G, to receive the forward bolt, that secures the plow to the beam, upon which bolt, when the plow is at work, there is a strong longitudinal strain, and the bolt-head is liable to be broken off. When this happens the plow-beam rises, and the strain thus produced breaks the standard, destroying the plow.

To prevent this I form a slot, H, in the rear

end of the cross-head B to receive the rear bolt, so that should the forward bolt break the rear bolt will slip out of the slot H, and any breakage of the plow will be prevented.

Upon the forward end of the land-side D is formed an inwardly-projecting lug or hook, I, which fits into a recess between the forward end of the bar or foot C and the shoulder of the point E, so as to serve as a point to the said bar or foot and take the wear. By this construction, when the land-side D is replaced by a new one the point of the bar or foot will also be renewed, so that the point E will always be properly supported and no cavity will be formed to receive trash.

The lower rear part of the bar or foot C is cut away, as shown in Fig. 2, so that all the wear at the heel will come upon the land-side, leaving the bar or foot unworn. By this construction when the land-side is renewed it will always fit smoothly and snugly, so that it will be held firmly and there will be no cavity formed to receive trash.

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

In a plow, the combination, with the foot C and point E, of the land-side D, having at its front end an inwardly-projecting lug, I, fitting between said foot and the shoulder of said point, as shown and described, for the purpose specified.

JOHN LYLE BRINLY.

Witnesses:

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