

G. MOORE,

PLOW PATENTED

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Fig. 1.

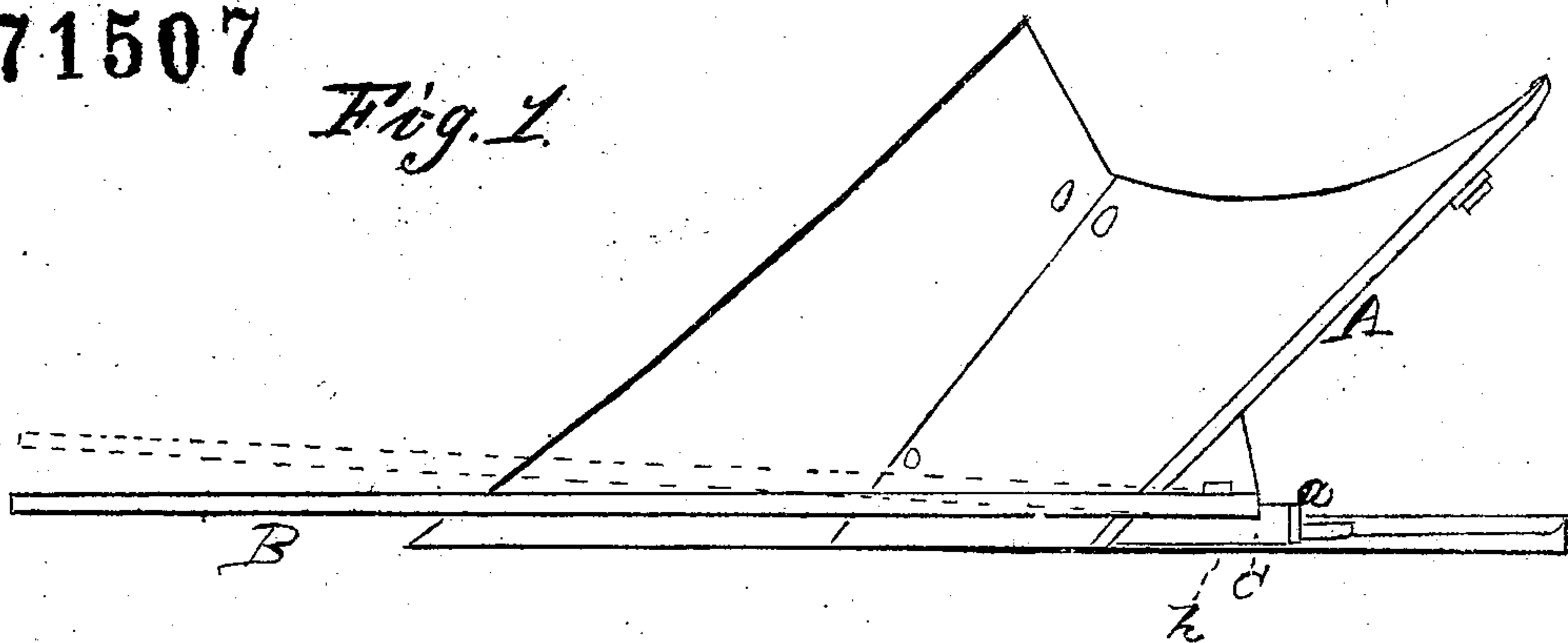


Fig. 2.

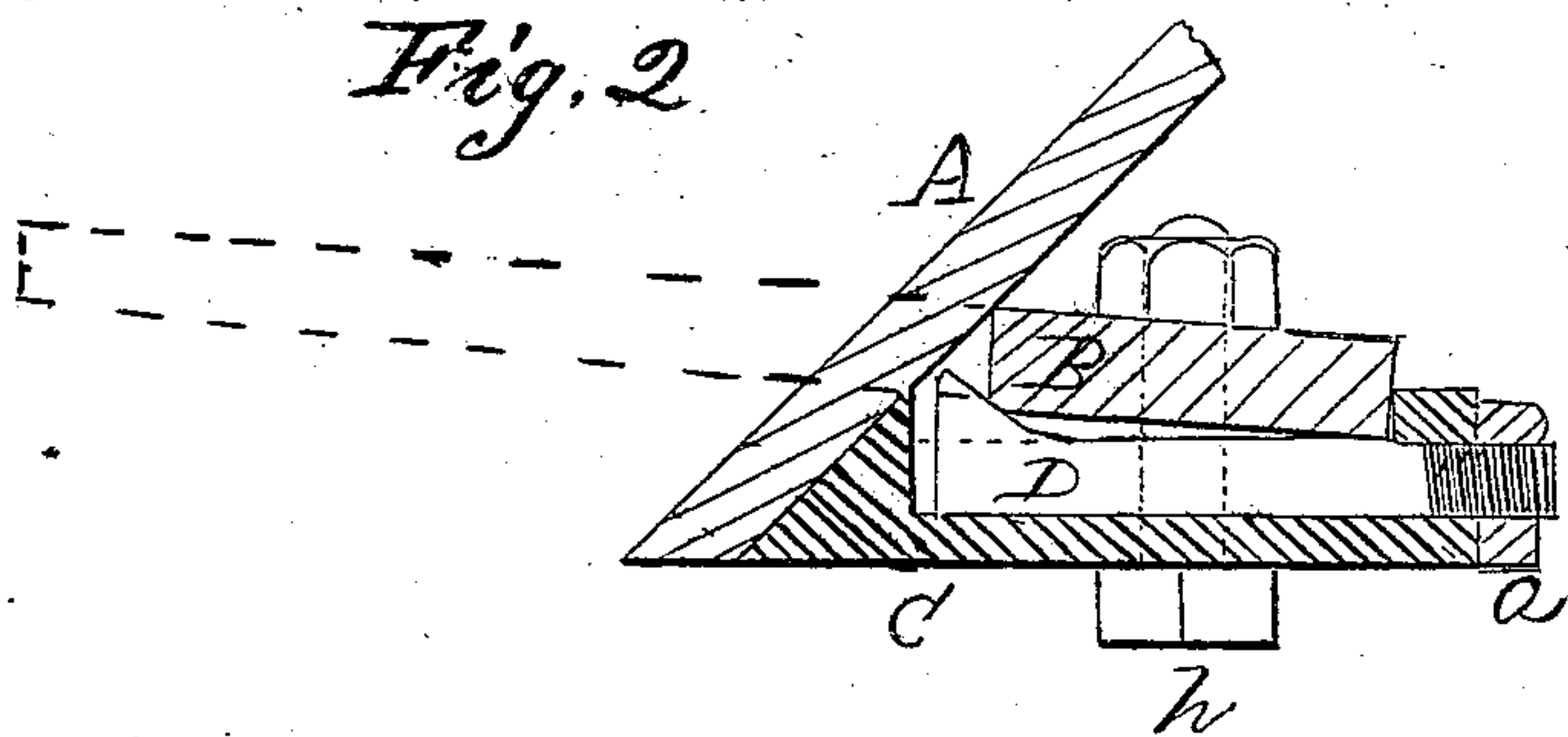
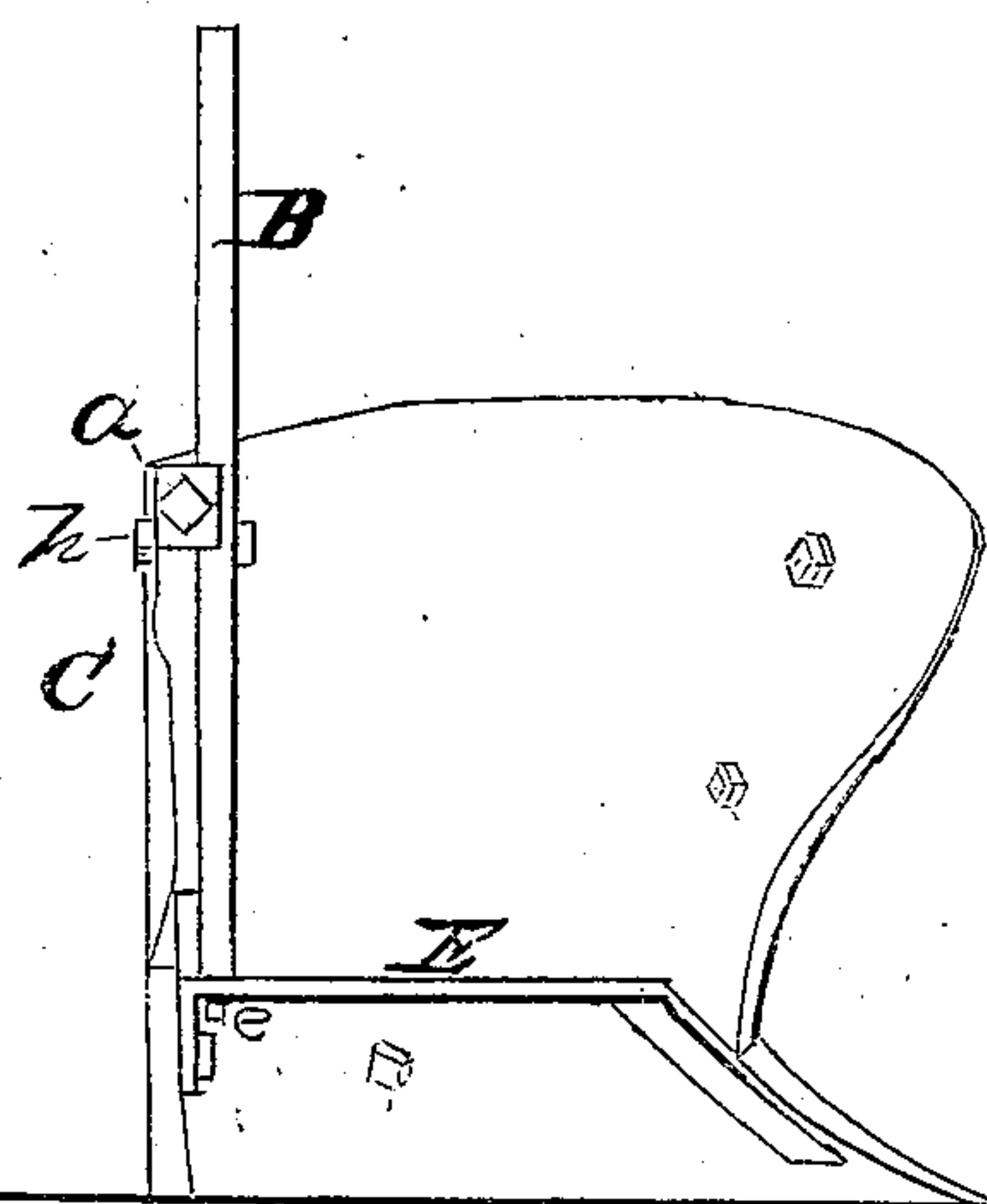


Fig. 3.



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Witnesses.

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GILPIN MOORE, OF MOLINE, ILLINOIS.

*Letters Patent No. 71,507, dated November 26, 1867.*

## IMPROVEMENT IN PLOUGHS.

The Schedule referred to in these Letters Patent and making part of the same.

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, GILPIN MOORE, of Moline, in the county of Rock Island, and State of Illinois, have invented certain new and useful Improvements in Ploughs; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, and to the letters of reference marked thereon, like letters indicating like parts, wherever they occur.

To enable others skilled in the art to construct and use my invention, I will proceed to describe it.

My invention consists in a novel method of constructing ploughs having iron beams, so that the beams may be adjusted laterally as desired.

Figure 1 is a top plan view of a plough constructed on my plan.

Figure 2 is a transverse section, taken on the line *xx* of fig. 3, and enlarged, the better to illustrate the invention.

Figure 3 is a rear elevation of the plough, as constructed.

In constructing my plough, I use a cast-iron frame or standard, C, to which the share, mould-board, and land-side are bolted as usual in the construction of steel ploughs. I construct a curved iron beam, B, which is secured to the upper portion of frame C by a bolt, *h*, which passes transversely through both, as shown in figs. 2 and 3, the rear end of the beam B being curved downward, and terminating in a journal or rounded stem, which fits into a hole in the brace E, as represented at *e*, of fig. 3. In the inner side of the standard C, near its upper end, a horizontal recess or slot is formed, in which I place a bolt, D, having an inclined projection on its side, as shown in fig. 2, the bolt lying in the recess, between the standard C and the beam, with the inclined projection at the front. On the rear end of this bolt or wedge D, I cut a screw-thread, and fit thereon a nut, *a*, as shown in figs. 1 and 2, the rear end of the bolt D projecting through a hole in the rear edge of the standard C, against which the nut *a* bears. When thus constructed, it will readily be seen that by loosening the nut on bolt *h*, and screwing up the nut *a*, the wedge or bolt D will be drawn back, and thereby crowd or throw the front end of the beam over from the land, as indicated in red in fig. 1, and by reversing the operation it may be thrown to the land. By these means the beam can be adjusted more or less, to any degree desired. It is obvious, that instead of the nut *a*, a key may be used, with washers for adjusting the bolt D, but I prefer the nut, as being the simplest and best.

Having thus described my invention, what I claim is—

1. A movable wedge-bolt, arranged to operate as described, for adjusting the beam of a plough laterally, substantially as set forth.

2. A cast standard, having a slot or recess formed therein to receive the movable wedge-bolt, and used in combination therewith for adjusting the beam of a plough, substantially as described.

GILPIN MOORE.

Witnesses:

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