

(No Model.)

F. B. HUNT.

PLOW.

No. 331,063.

Patented Nov. 24, 1885.

Fig. 1.

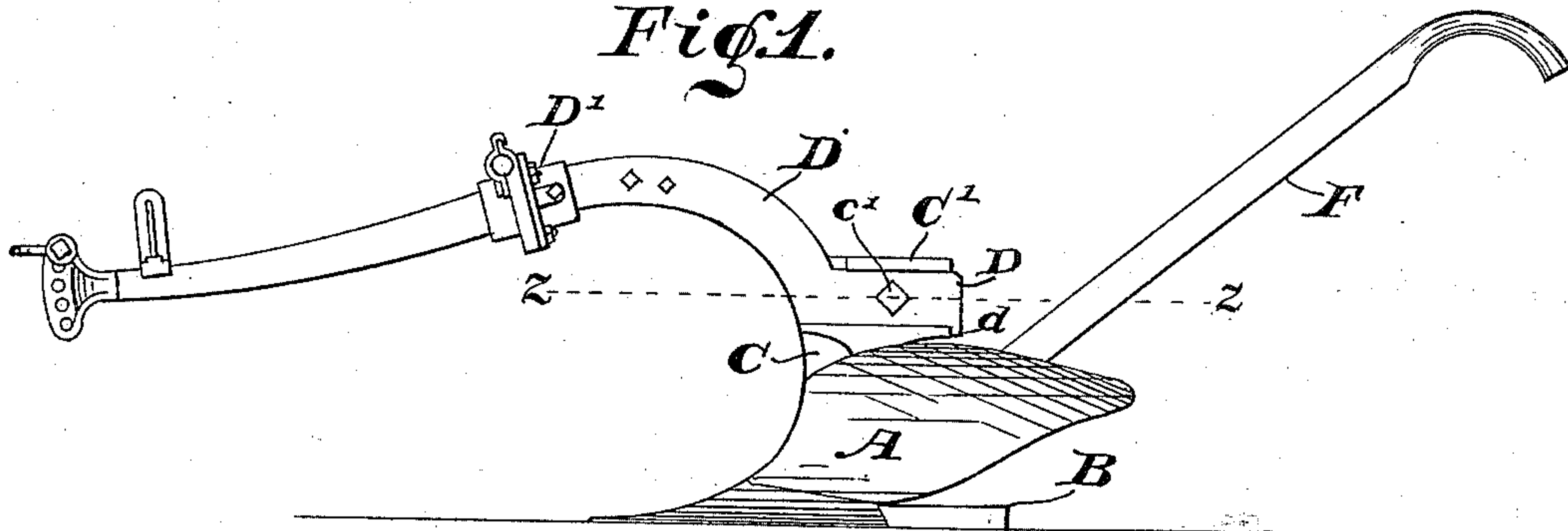


Fig. 2.

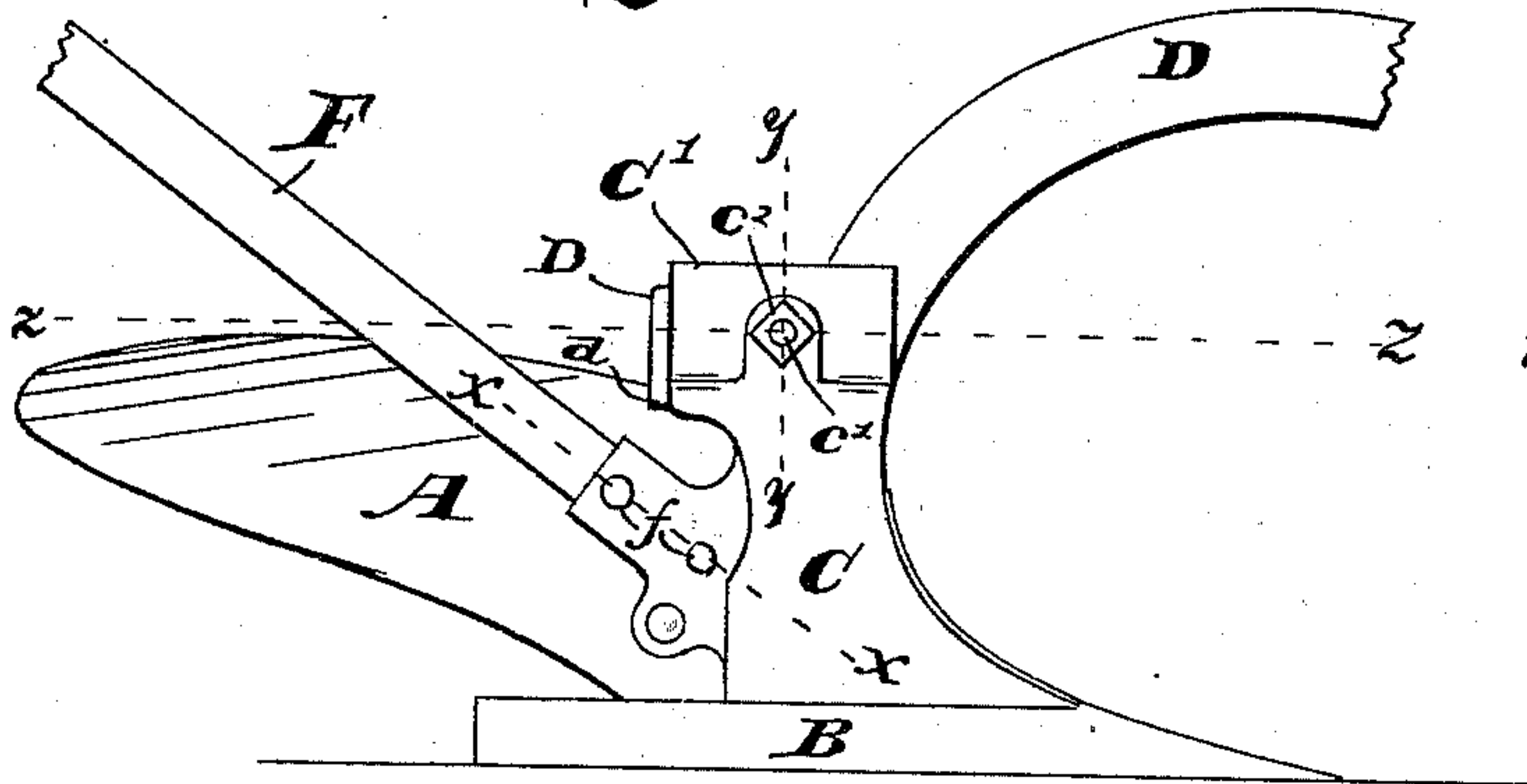


Fig. 3.

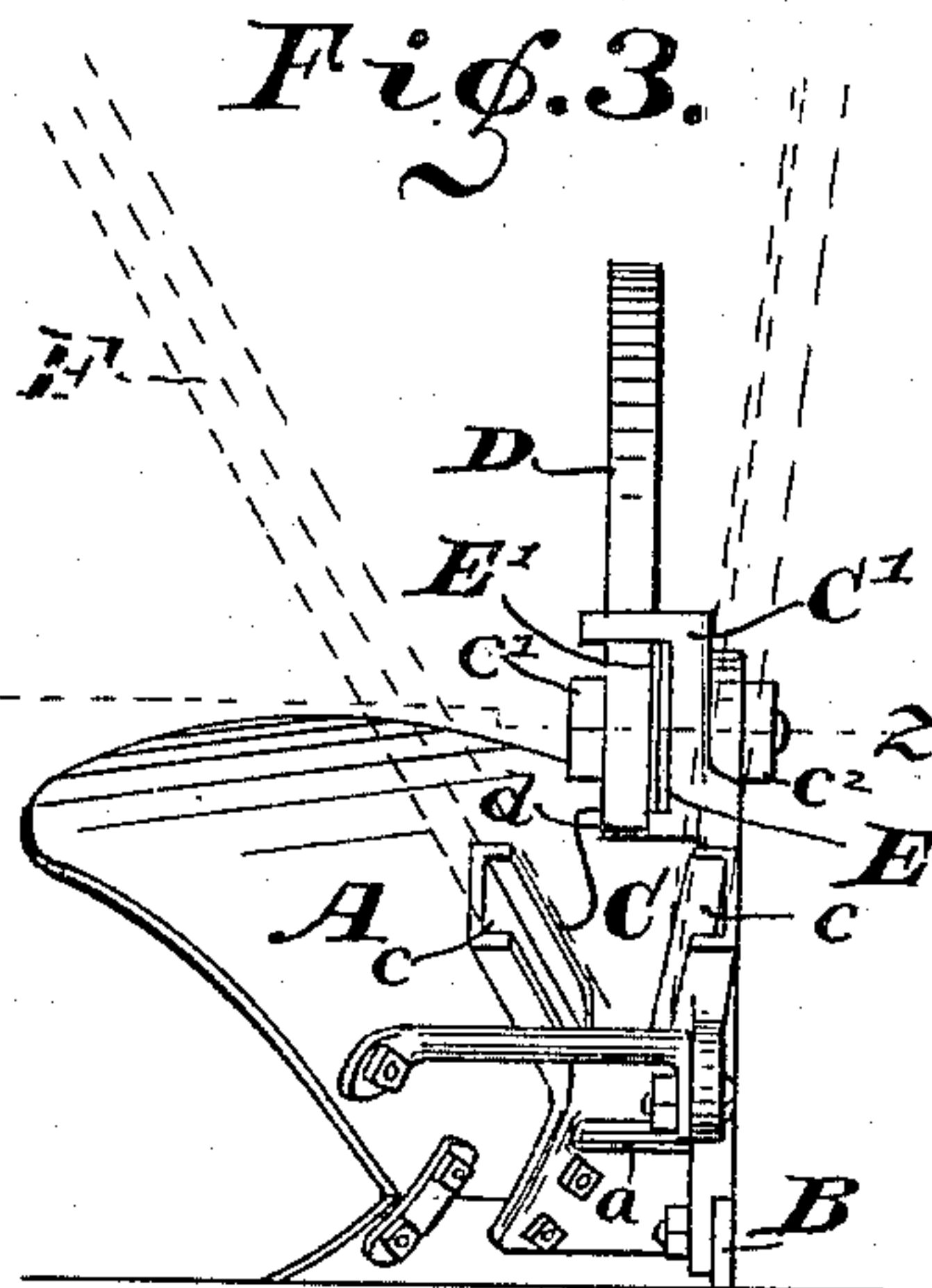


Fig. 4.

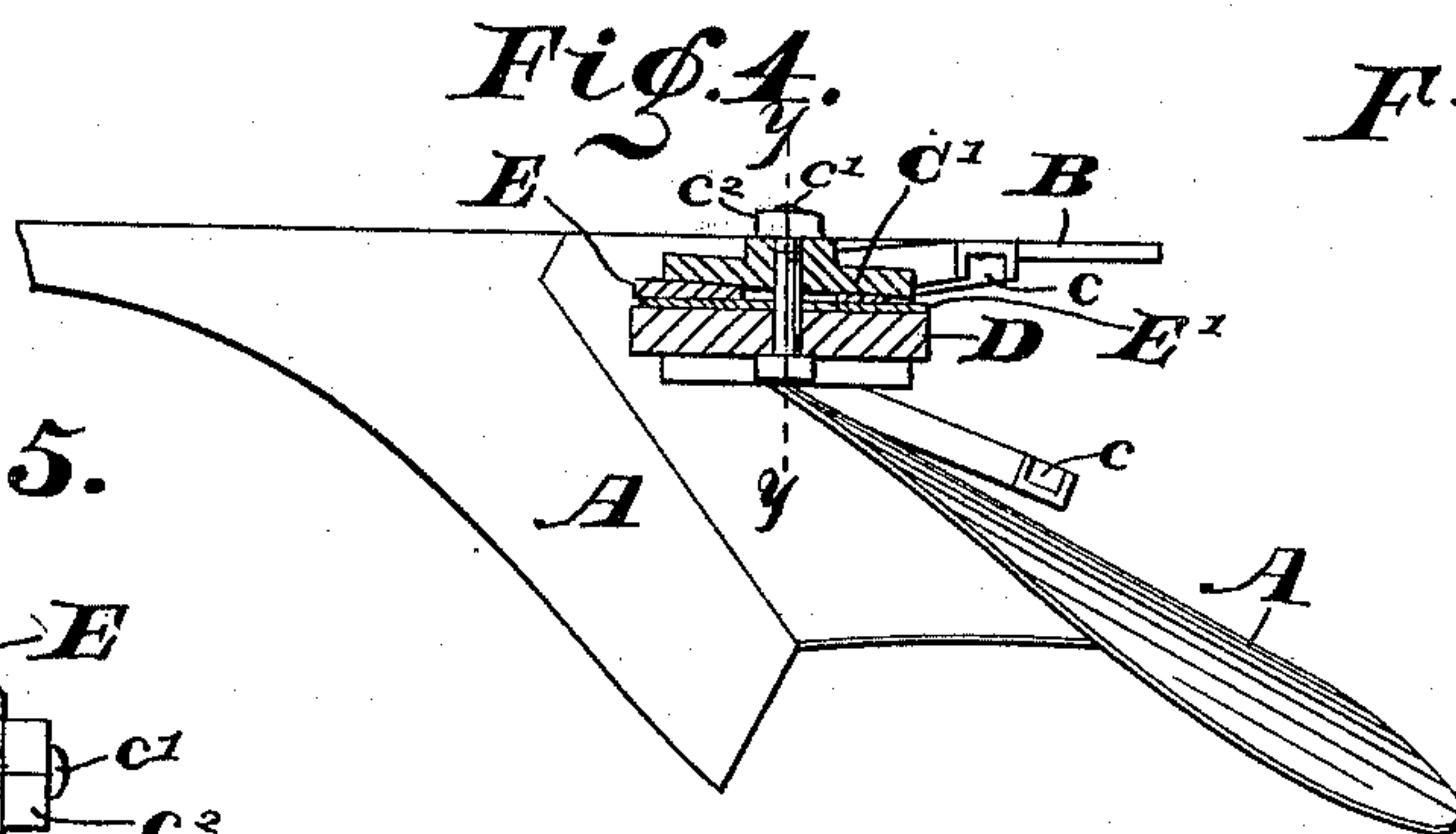


Fig. 6.

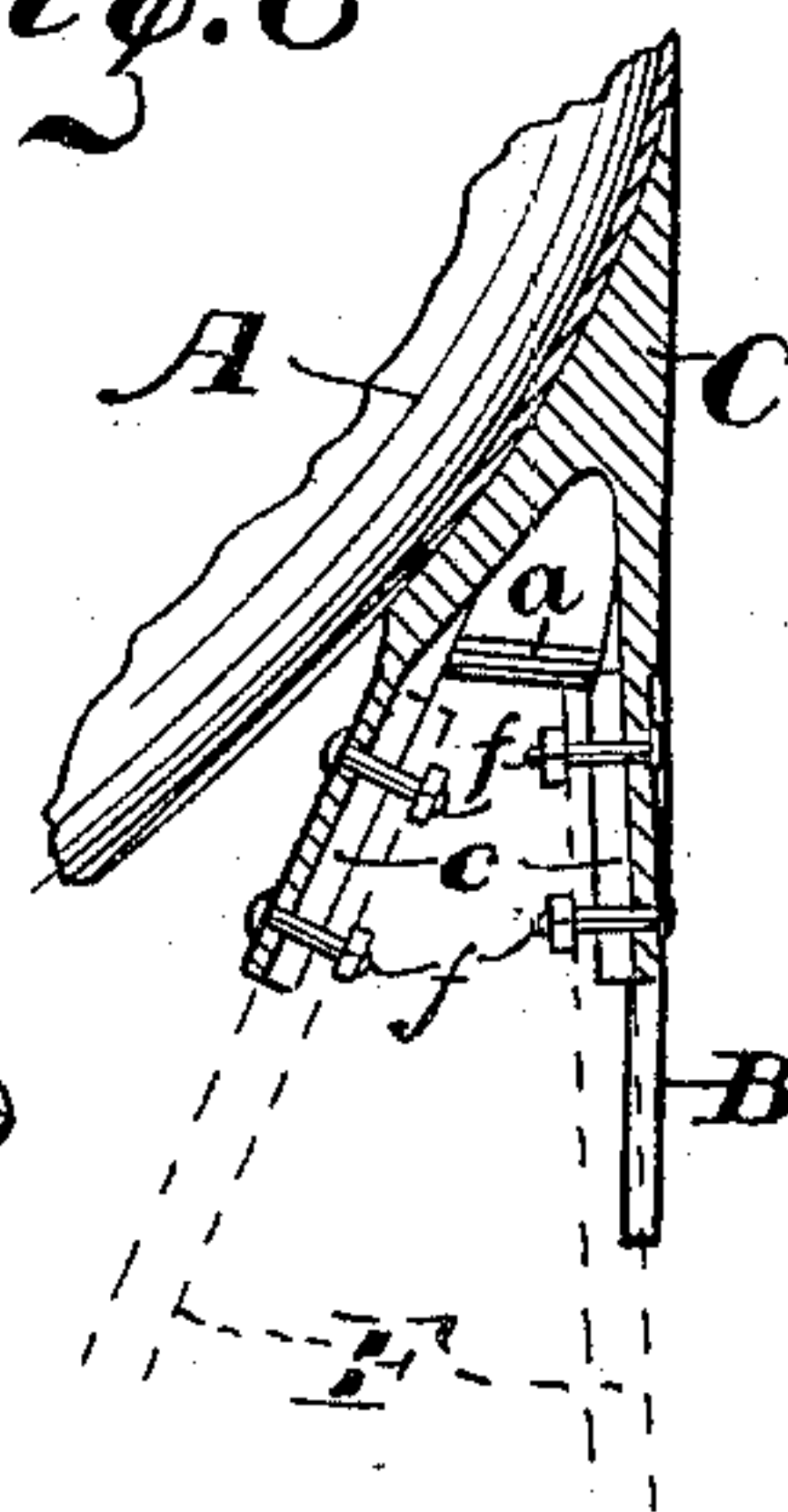


Fig. 5.

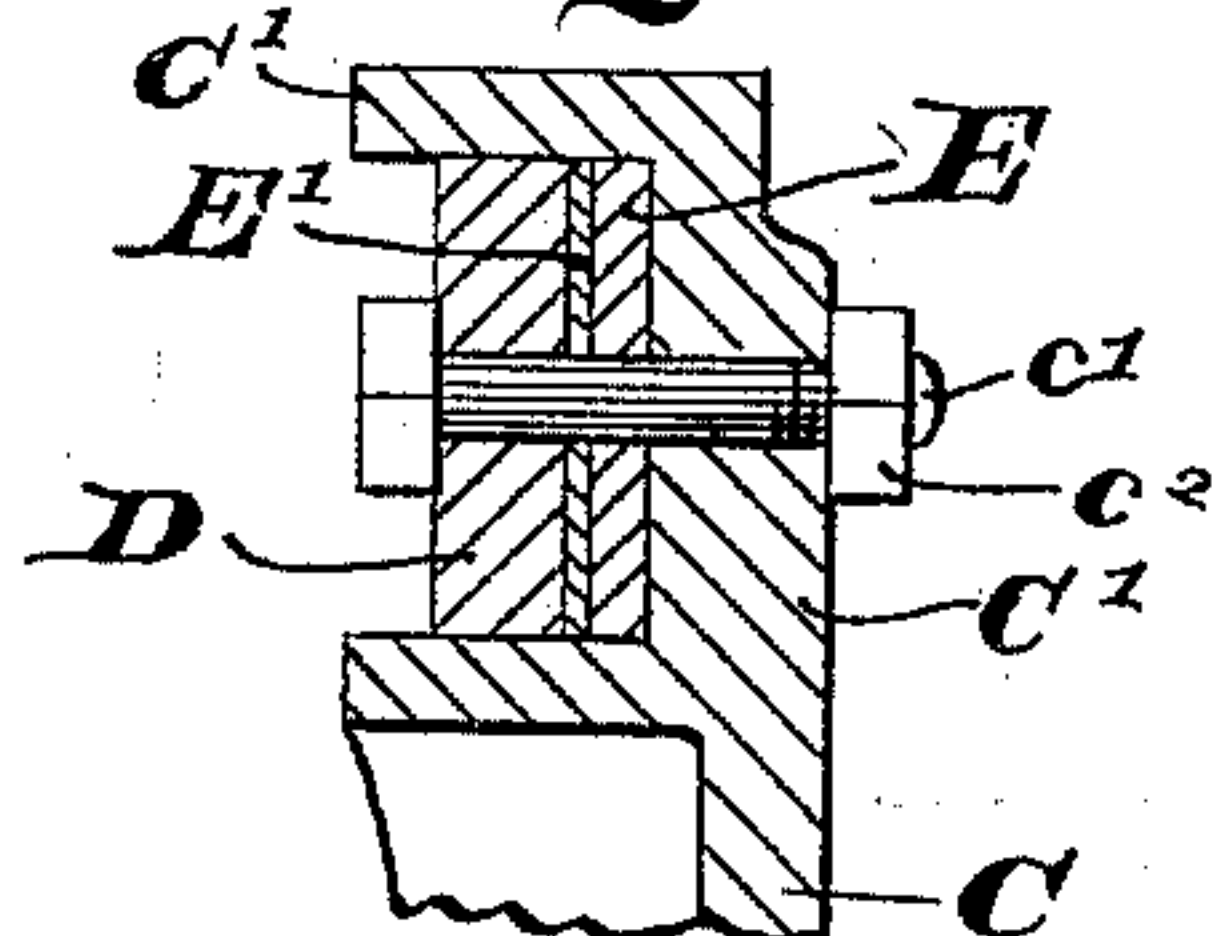
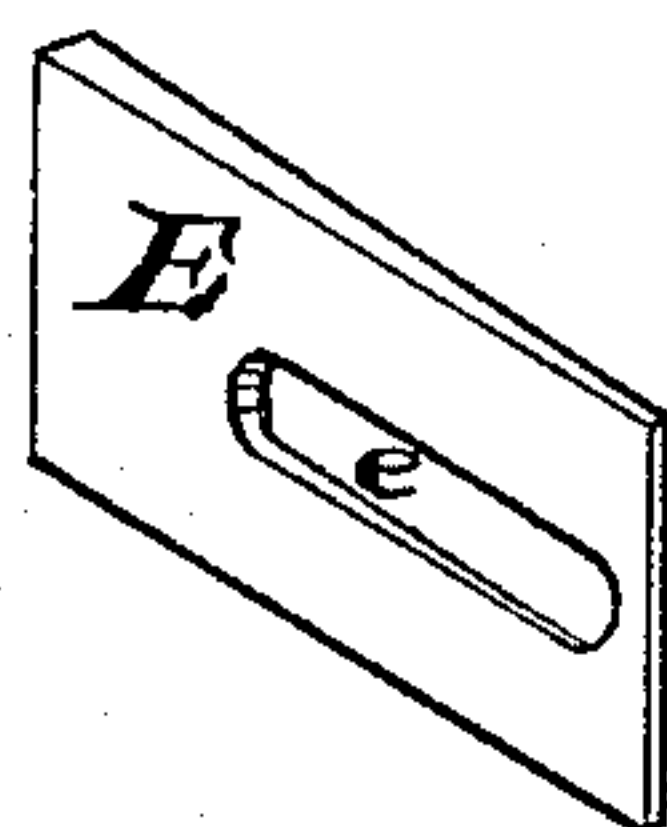


Fig. 7.



WITNESSES.

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FRANKLIN B. HUNT, OF RICHMOND, INDIANA, ASSIGNOR TO THE RICHMOND
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PLOW.

SPECIFICATION forming part of Letters Patent No. 331,063, dated November 24, 1885.

Application filed March 13, 1885. Serial No. 158,741. (No model.)

To all whom it may concern:

Be it known that I, FRANKLIN B. HUNT, of the city of Richmond, in the county of Wayne and State of Indiana, have invented certain
5 new and useful Improvements in Plows, of which the following is a specification.

My said invention consists in an improved construction of various parts of plows where-
10 by the beam is rendered laterally adjustable, the handles rendered easily removable, and other desirable objects are accomplished, as will be hereinafter more particularly described.

Referring to the accompanying drawings, which are made a part hereof, and on which
15 similar letters of reference indicate similar parts, Figure 1 is a side elevation of the furrow side of a plow embodying my said invention; Fig. 2, a side elevation of the landside of the same on a somewhat enlarged scale, the beam
20 being partly broken away; Fig. 3, a rear elevation, the handles being shown in dotted lines; Fig. 4, a horizontal sectional view looking downwardly from the dotted line *z z*; Fig. 5,
25 a detail section through the rear end of the beam on the dotted line *y y*; Fig. 6, a detail section looking downwardly from the dotted line *x x* in Fig. 2, and Fig. 7 a detail perspective view of a wedge constituting a part of my invention.

30 In said drawings the portions marked A represent the mold-board; B, the landside; C, the standard; D, the beam; E, a wedge for adjusting the beam, and F the handles.

The mold-board A and landside B are or
35 may be of any approved construction, and are secured to the lower part of the standard or sheth C in the ordinary manner, and therefore need no particular description. The standard C is all, including the portions to
40 which the share, landside, beam, and handles are attached, cast in one piece. The open-sided sockets *c* extend out from its rear side, and are adapted to receive the lower ends of the handles and have the same secured there-
45 in. On its top end it is provided with an open-sided socket, C', at substantially right angles with its upright portion and substantially parallel with the landside. Said socket is formed to receive the rear end of the beam
50 and hold it in place, a bolt, *c'*, being employed

to secure said beam in said open-sided socket, as will be presently more fully described. The lower end is formed to receive the mold-board point and landside, and is strengthened by a brace, *a*, also cast integrally therewith. 55 The beam D is preferably of the usual curved form employed where the plow is designed for use in a sulky-plow. The rear end is formed to fit into the socket C', and is preferably provided with a small lip, *d*, on its lower corner. 60 which engages with the end of said socket, as shown, and thus aids in holding the beam in place. It is also provided with a bolt-hole opposite a similar hole in the socket, through which the bolt *c'* is passed, and thus, by means 65 of the nut *c''*, adapts said beam to be rigidly secured in position in said socket or easily removed from the plow. It is provided with an attachment, D', about midway thereof, by means of which the plow may be attached to 70 a sulky when it is desired to use it in a sulky-plow. The wedge E is provided with a longitudinal slot, *e*, and is mounted in the socket C' between its inside face and the side of the beam, the bolt *c'* being passed through the 75 slot *e* thereof, and said wedge thus securely held in place, while a longitudinal adjustment is permitted at the same time by means of said slot. One or more washers, E', each provided with a hole for the bolt, may also be inserted 80 between the standard and the beam, and said beam, by the insertion or removal of these wedges, be adjusted bodily toward or from the standard. The handles F are of the ordinary form, and have their lower ends formed 85 to fit into the sockets *c* on the rear part of the standard C, where they are secured by the bolts *f* and nuts thereon, and are thus rendered removable, it being desirable to remove them when the plow is used with a sulky. 90

The operation of the wedge E and surrounding parts is as follows: When the plow does not "land" enough, the wedge is driven in, the nut on the bolt *c'* being loosened up to permit this operation, which bears the front 95 end of the beam outward and changes the line of draft, so as to draw the plow into the land the desired distance. When the plow lands too much, the wedge is drawn out and the nut tightened, which changes the draft in the op- 100

posite direction, as will be readily understood. The width of furrow can thus be easily regulated, and the beam will be held rigidly in position. When it is desired to remove the
5 beam for convenience in shipping or any other purpose, it can be easily done by taking out the bolt c' , when said beam is free to be removed.

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

1. In a plow, the combination, with the standard having socket c , open at one side and closed at top and bottom, of the beam D,
15 of width to fill the space between the top and bottom of said socket, and inserted therein, the slotted wedge of equal width also inserted in said socket, and the bolt passing through said standard, beam, and wedge, substantially
20 as described.

2. The combination of the mold-board A, landside B, standard C, open-sided socket C' , formed on the top of said standard, beam D,

having a lip, d , on its lower corner, and having its rear end mounted in said socket, said
25 lip engaging with its rear end, wedge E, having a longitudinal slot, e , said wedge being inserted between the adjacent faces of the beam and socket, and a bolt, c' , inserted
30 through a hole in said socket and said beam and the slot in said wedge, and provided with a nut, c'' , whereby said several parts are secured in place, substantially as set forth.

3. In a plow, the hollow standard C, having the open-sided beam-socket c' and the open-
35 sided handle-socket c and the integral brace a , and provided with seats to receive the mold-board, share, and landside, substantially as shown.

In witness whereof I have hereunto set my
40 hand and seal at Richmond, Indiana, this 13th day of January, 1835.

FRANKLIN B. HUNT. [L. s.]

In presence of—

• C. C. CROCKETT,
JOS. C. RATLIFF.