

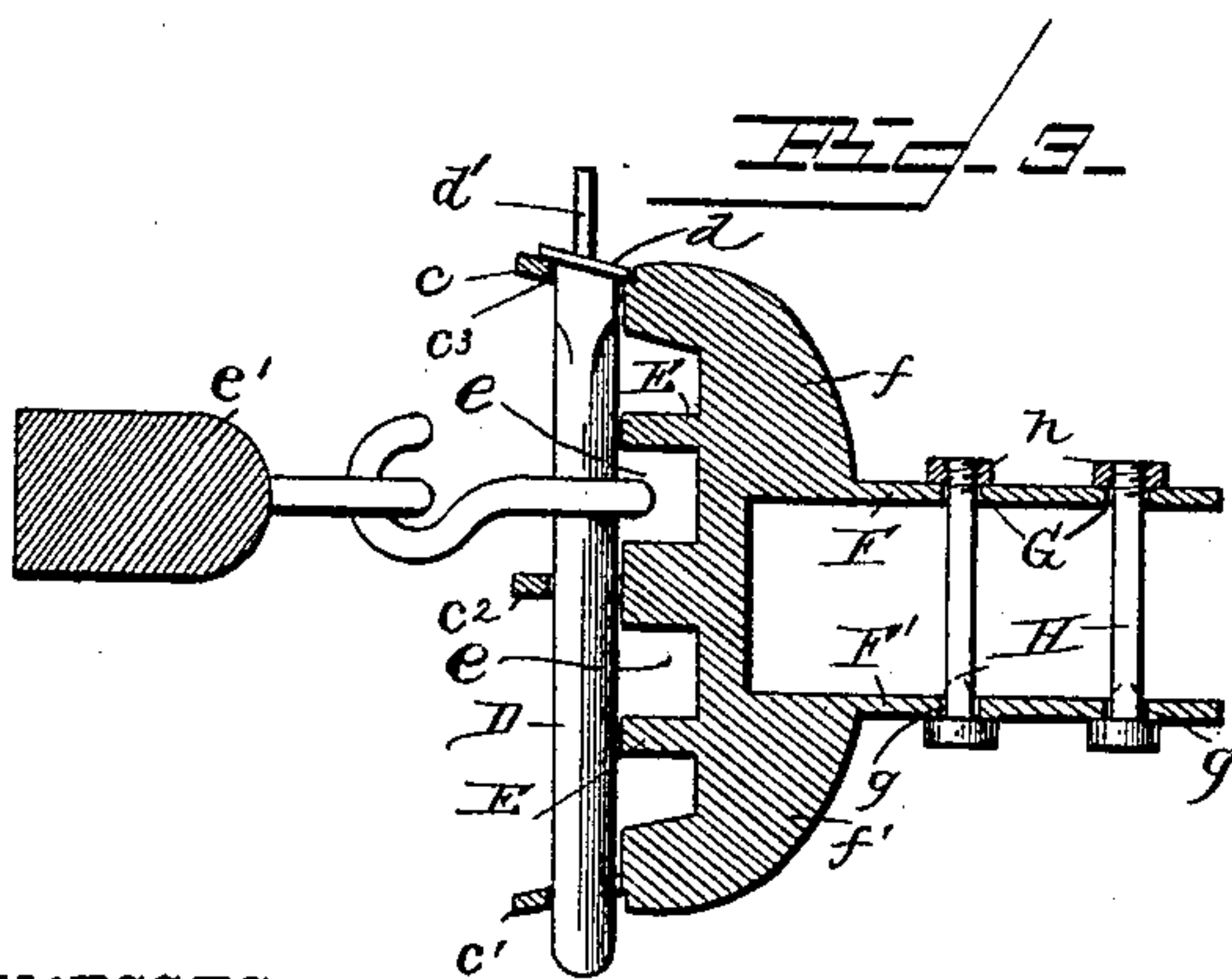
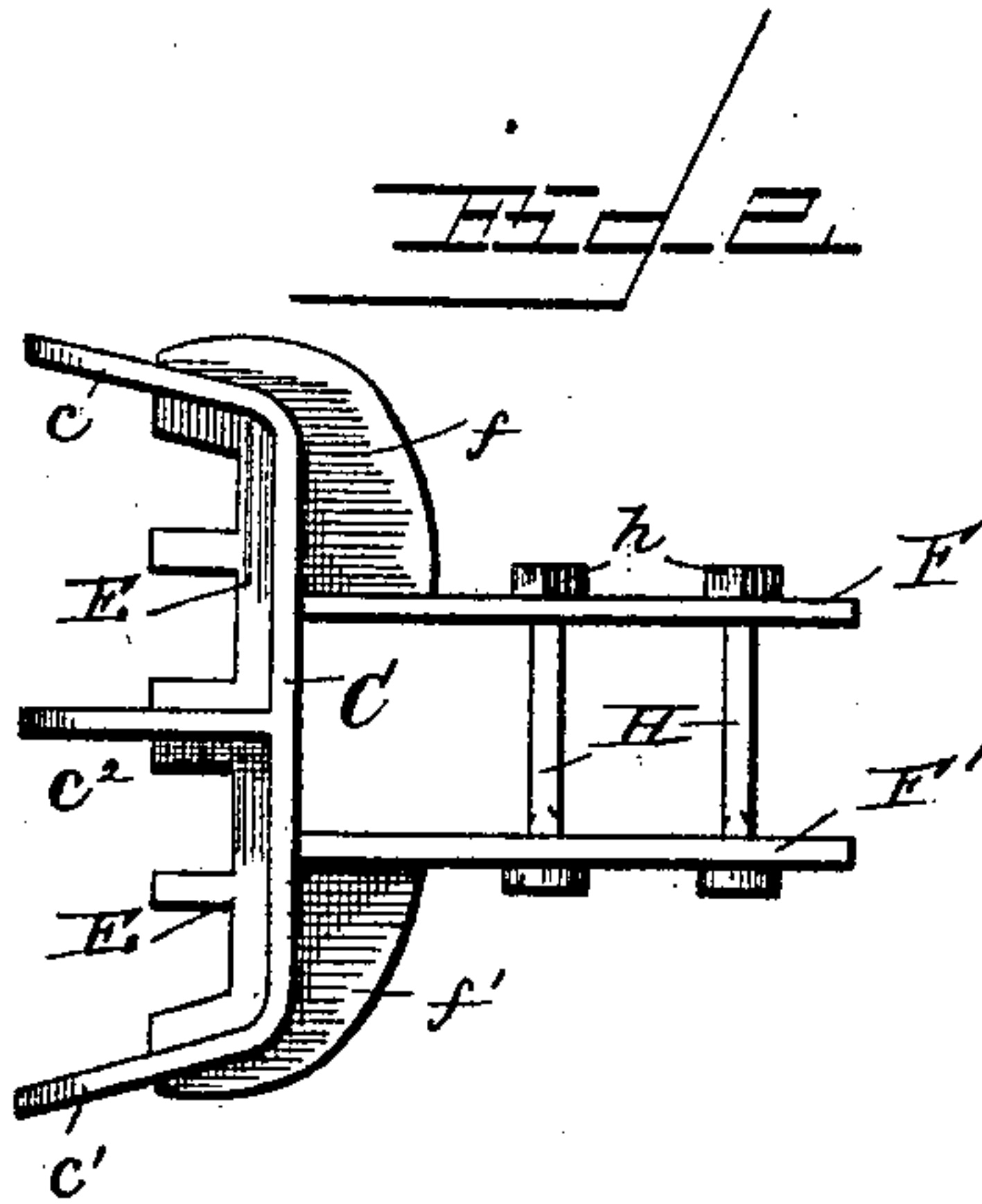
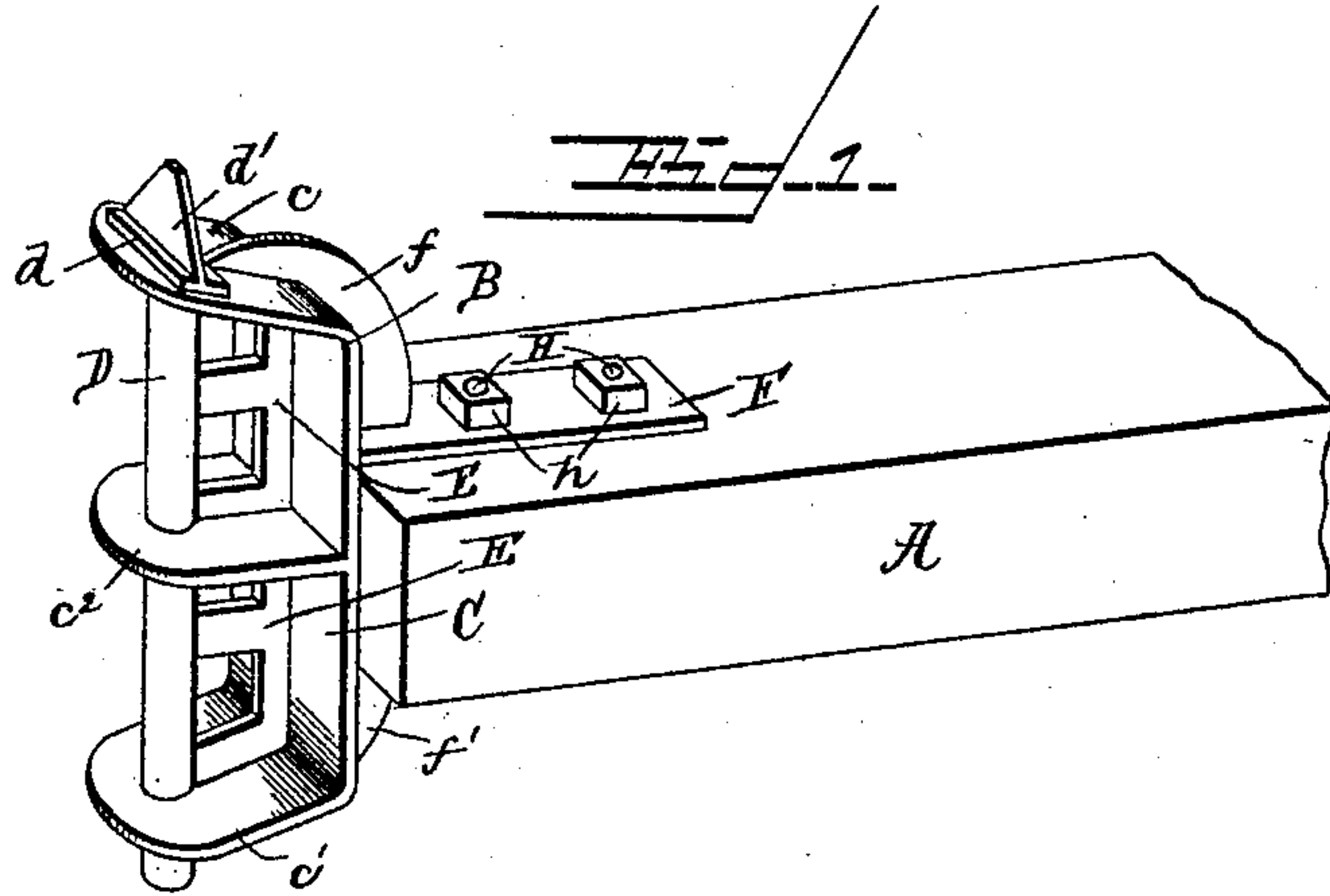
(No Model.)

J. D. BINFORD.

PLOW CLEVIS.

No. 389,999.

Patented Sept. 25, 1888.



WITNESSES

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UNITED STATES PATENT OFFICE.

JASON DILBIRD BINFORD, OF McCLELLAND, VIRGINIA.

PLOW-CLEVIS.

SPECIFICATION forming part of Letters Patent No. 389,999, dated September 25, 1888.

Application filed March 24, 1888. Serial No. 268,352. (No model.)

To all whom it may concern:

Be it known that I, JASON DILBIRD BINFORD, a citizen of the United States, residing at McClelland, in the county of Isle of Wight and State of Virginia, have invented a new and useful Improvement in Plow-Clevises, of which the following is a specification.

The invention relates to improvements in clevises for plows and other farming-vehicles; and it consists in the construction and novel combination of parts hereinafter described, illustrated in the drawings, and pointed out in the appended claim.

In the drawings, Figure 1 represents a perspective view of a clevis embodying the invention attached to a plow. Fig. 2 is a view of the clevis detached and with the retaining-pin withdrawn. Fig. 3 represents a longitudinal sectional view of the clevis with the said pins and bolts in place, showing the whiffletree attached.

Referring to the drawings by letter, A designates the plow-beam of the plow, and B the clevis attached thereto, and which is constructed as follows:

C is a vertical metal plate having at its ends the forwardly-projecting arms $c\ c'$, and centrally the similar arm, c^2 . The highest arm, c , is provided with an angular opening, c^3 , the arms $c\ c^2$ having circular openings which are vertically aligned with the opening c^3 .

D is a cylindrical retaining-pin that fits into the said openings, having its top portion made angular for a short distance, as shown, to fit into the opening c^3 . The said pin is provided with a head, d , consisting of a metal plate resting on the arm c , and a flat metal projection, d' , rising therefrom to permit the pin to be easily raised thereby in its seat.

E E are projections standing from the front surface of the plate C, and forming, with the retaining-pin, which they nearly touch, the open spaces e , to receive the ring of an ordinary whiffletree, e' , as shown in Fig. 3.

F F' are flat plates standing rearward from the plate C at equal distances from the upper and lower ends thereof, respectively, the said plates being strengthened and braced upon the plate C by the vertical ribs $f\ f'$, that connect them respectively with the upper and lower arms of the plate C. The plates F F' are provided with the bolt-holes G g , respectively, and H H designate the bolts passed through said holes and provided with the securing-nuts h .

The plow-beam is placed between the plates F F', with its end firmly abutting against the plate C, so that its front is bound at the end and above and below with metal, and the bolts are passed through the described openings and through registering-openings in the beam.

The clevis is securely fastened to the plow-beam, so that it cannot become loose, and the wear of the parts is reduced to a minimum.

The retaining-pin can be readily raised to remove, change, raise, or lower the whiffletree, and if broken another can be easily fitted in its place.

Having described my invention, I claim—

The combination, with a plow-beam, of the clevis comprising the vertical plate C, provided with the forwardly-projecting arms $c\ c'\ c^2$, and having the projections E E on the front side of the plate C, the plates projecting from the rear side of the plate C, and the ribs $f\ f'$, connecting the same with the upper and lower ends of the plate C, and the bolt inserted through the arms $c\ c'\ c^2$, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JASON DILBIRD BINFORD.

Witnesses:

WILLIAM J. W. BAILY,
LEAVEY A. BAILEY.