

(No Model.)

J. PETERS.
ADJUSTABLE CLEVIS.

No. 381,578.

Patented Apr. 24, 1888.

FIG. 1

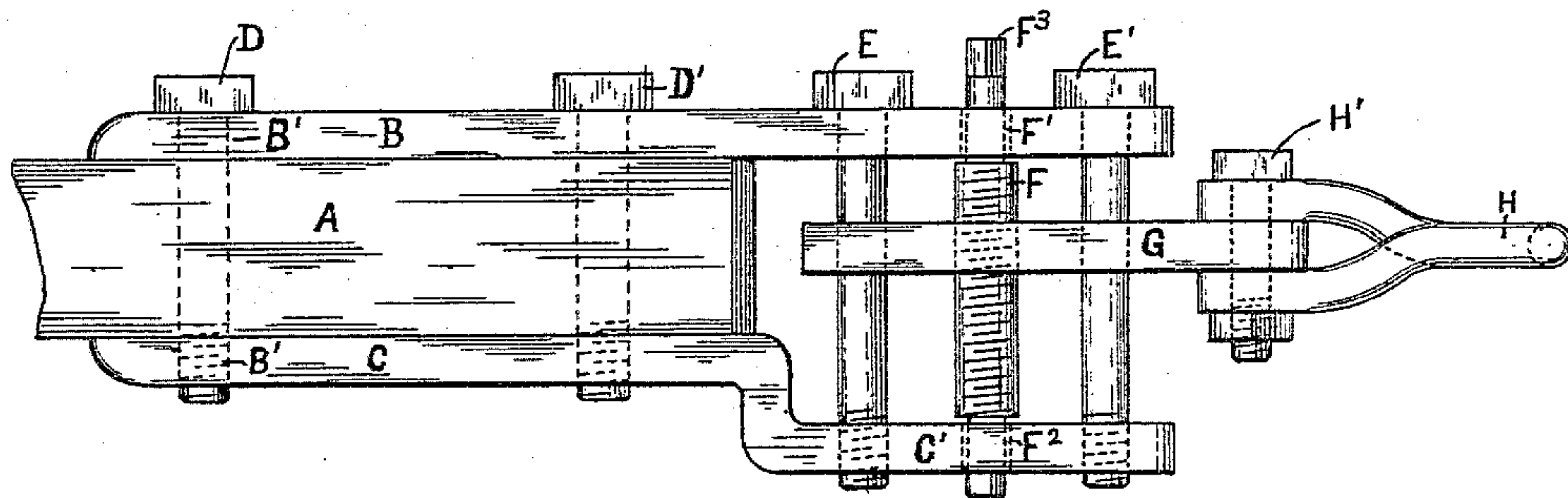


FIG. 2

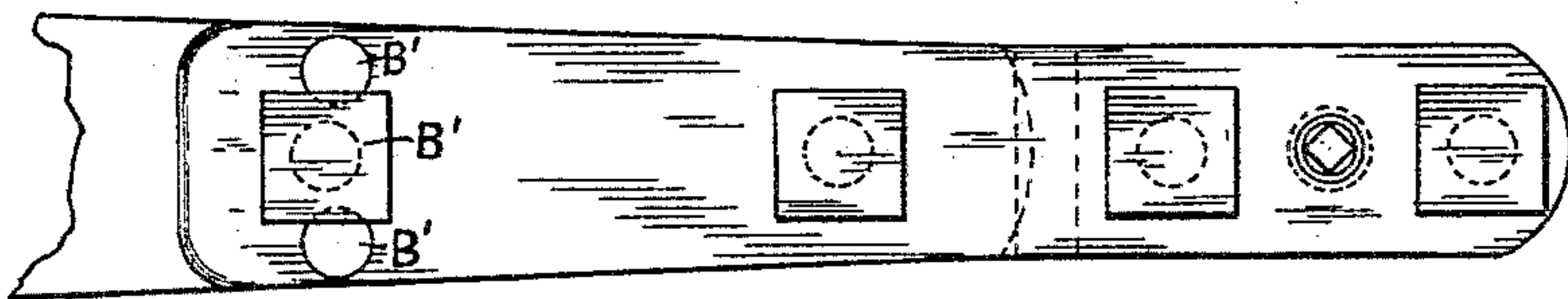
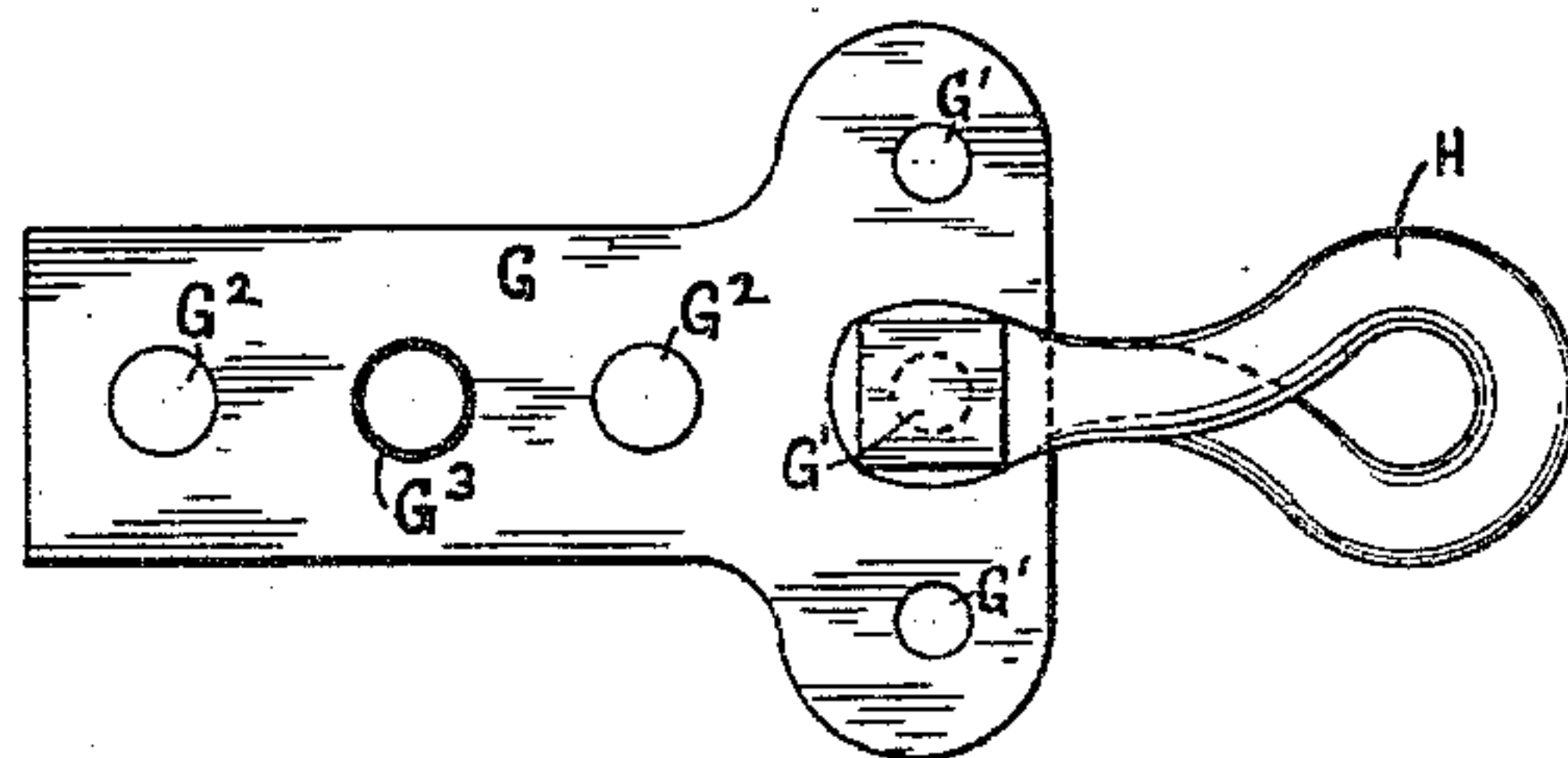


FIG. 3



WITNESSES—

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JOHN PETERS, OF POTTSTOWN, PENNSYLVANIA.

ADJUSTABLE CLEVIS.

SPECIFICATION forming part of Letters Patent No. 381,578, dated April 24, 1888.

Application filed September 5, 1887. Serial No. 248,842. (No model.)

To all whom it may concern:

Be it known that I, JOHN PETERS, a citizen of the United States, residing at Pottstown, in the county of Montgomery and State of Pennsylvania, have invented certain new and useful Improvements in Adjustable Clevises; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates more especially to plow-clevises, and is designed to furnish a ready means of adjustment to any extent vertically, according to the depth of furrow desired, and also to vary the connection to the draft horizontally, as may be required. The accompanying drawings illustrate fully the construction by which these objects are attained, similar letters referring to similar parts throughout the several views.

Figure 1 is a side elevation showing the forward end of a plow-beam with my clevis attached complete. Fig. 2 is a plan view of the same, omitting the draft-plate G. Fig. 3 is a plan of the draft-plate separate.

In the drawings, A is the forward end of the plow-beam, B the top strap-piece, and C the bottom strap-piece of the clevis, the latter having its forward end, C', extending beyond the beam, lowered so as to increase the space between the top and bottom strap-pieces and allow the draft-plate G to be raised or lowered as much as is desired by means of the adjusting-screw F, the guide-bolts E and E' serving to keep the plate horizontal and guide it in its up-and-down movement, and also to securely bind the top and bottom strap-pieces together. The bolts D and D' fasten the clevis to the beam.

H represents a connection with the draft-plate by means of the pin H'.

The adjusting-screw F is formed with journals F' and F'', adapted to fit loosely in holes formed in the top and bottom strap-pieces, and with a top, F'', adapted to receive a suitable

wrench for turning the screw in adjusting the height of the draft-plate. A jam-nut may be used on this screw against either the top or bottom strap-piece to secure it when properly set, though this is not generally required.

The draft-plate G is provided with holes G², fitting over the bolts E and E', and with a tapped hole, G³, for the adjusting-screw F. The front, which may be widened, as shown, has one or more holes, G'. When more than one hole is used, the connection may be made with either, thus allowing horizontal adjustment.

The bolts D and D' may either permanently fasten the clevis to the plow-beam, or, if the latter is adapted to admit of it, more than one hole, B', may be provided for the bolt D in the strap-pieces, thus allowing the whole clevis to swing on the fixed pin D', throwing the draft-plate farther to the right or left, as may be desired, and providing a means of horizontal adjustment independent of or supplementary to the widened-out draft-plate before described. The holes in the top and bottom strap-pieces for the journals F' and F'' are made large enough to insure the strain communicated through the draft-plate G coming on the bolts E and E' and not on the adjusting-screw.

Instead of using two guide-bolts, as shown, one will answer, providing the thickness of the draft-plate is made sufficient to guide it properly.

Having fully described my invention, I desire to secure the following claim thereon:

A clevis formed of strap-pieces B and C, adapted to be secured to a beam, A, and united by guide-bolts E and E', in combination with a draft-plate, G, adapted to be guided by said guide-bolts, and with an adjusting screw, F, loosely journaled in said strap-pieces, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN PETERS.

Witnesses:

MILLER C. AMMON,
ROBERT L. KEITH.