

No. 701,540.

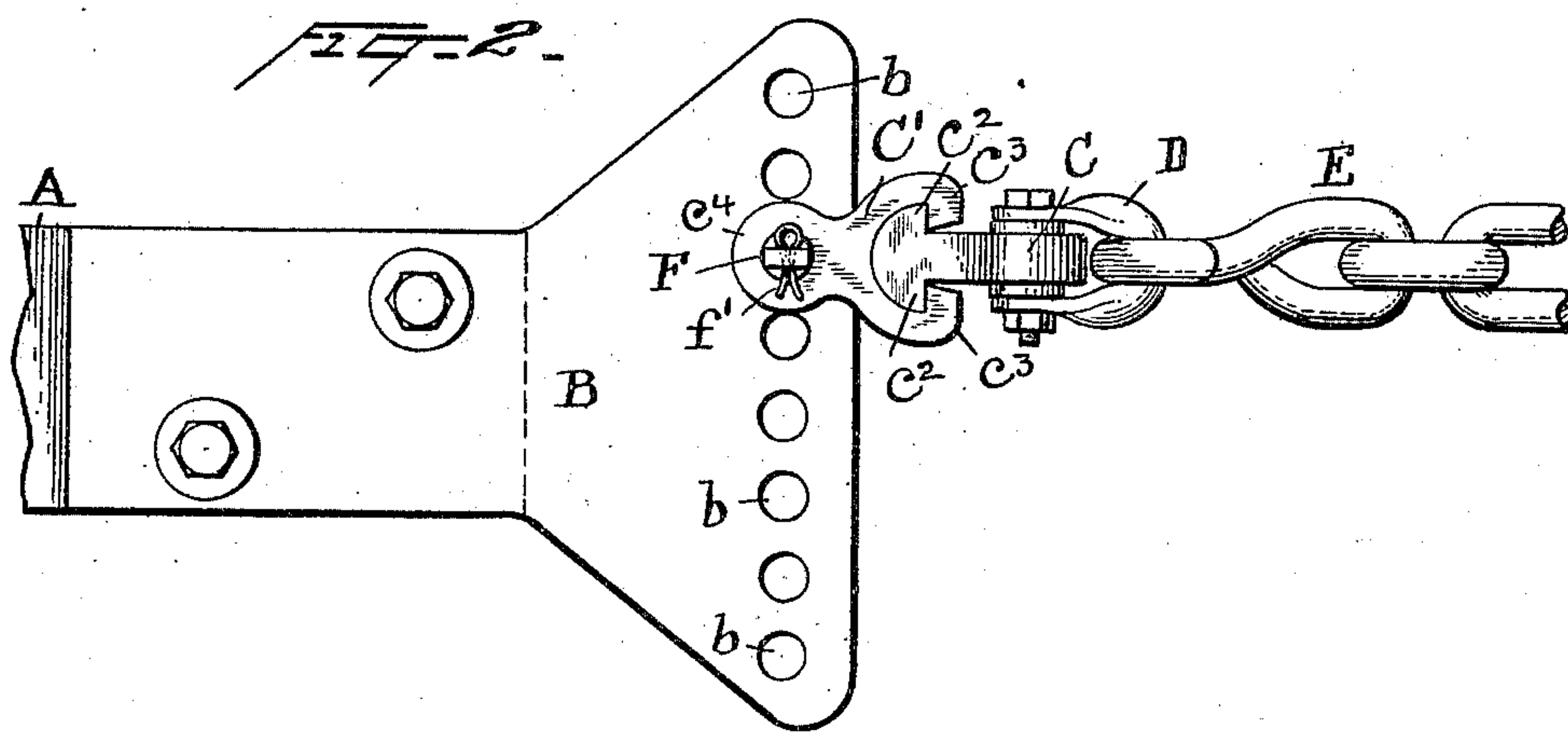
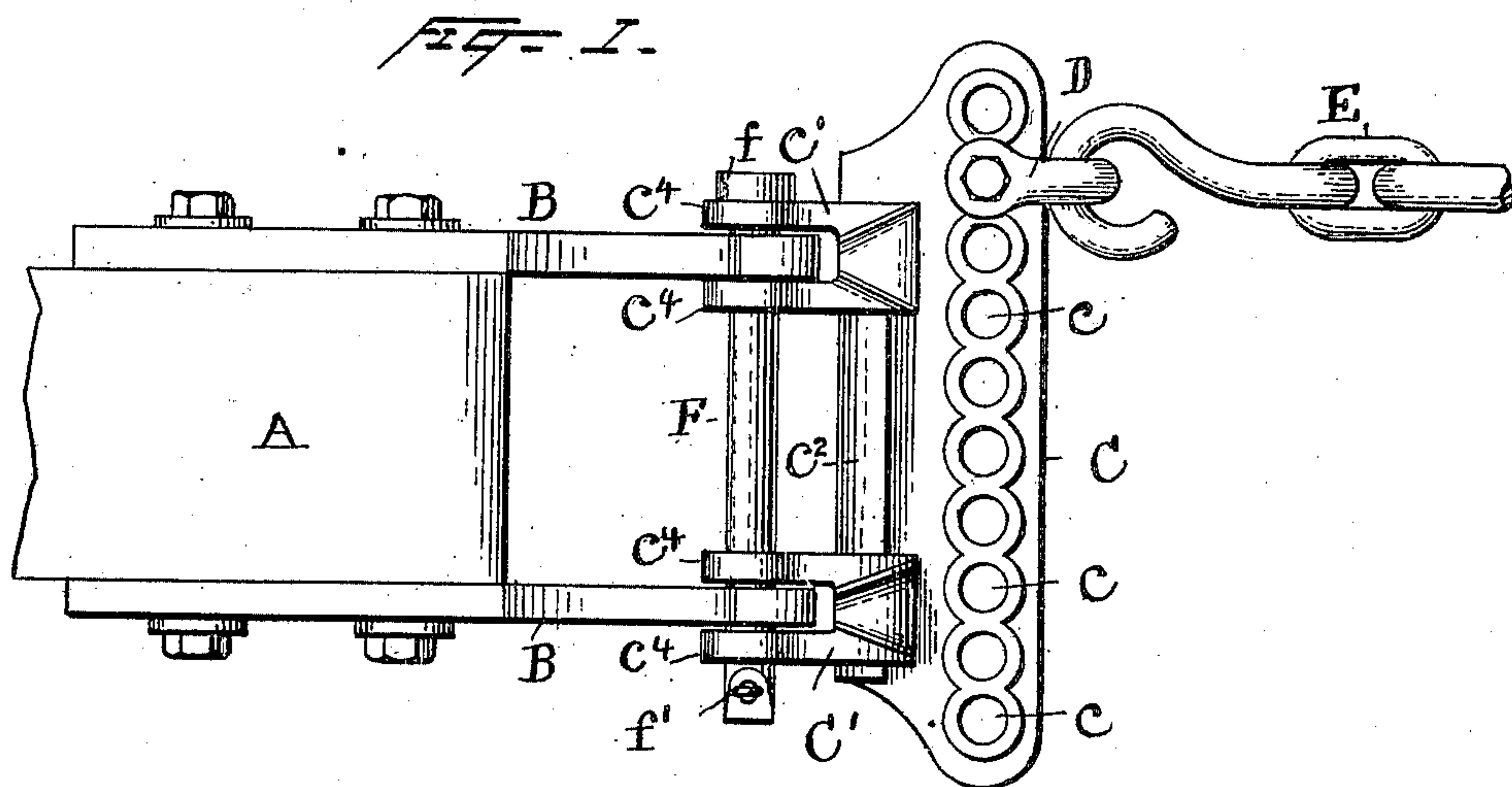
Patented June 3, 1902.

J. H. CHIDESTER & W. TURK.

CLEVIS.

(Application filed Mar. 15, 1902.)

(No Model.)



WITNESSES

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UNITED STATES PATENT OFFICE.

JAMES H. CHIDESTER AND WILLIAM TURK, OF SIBLEY, IOWA.

CLEVIS.

SPECIFICATION forming part of Letters Patent No. 701,540, dated June 3, 1902.

Application filed March 15, 1902. Serial No. 98,334. (No model.)

To all whom it may concern:

Be it known that we, JAMES H. CHIDESTER and WILLIAM TURK, citizens of the United States, residing at Sibley, in the county of Osceola and State of Iowa, have invented certain new and useful Improvements in Clevises; and we do 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

15 This invention relates to clevises for plows, cultivators, and the like; and its object is to provide a clevis capable of the smallest possible adjustment, so that it will be applicable to any agricultural implement of the class 20 mentioned, however great the variation in the width of the draft-beam may be. Clevises have been proposed in which this adjustment is made by a series of holes, a link, and a pin to fasten the link in one of them; but it frequently happens that the degree of adjustment thus provided is not fine enough, so that in the case of a plow-beam, for example, to which the clevis cannot be exactly fitted, there is an amount of lateral play which interferes with the proper draft of the plow. 30 By our invention this difficulty is avoided, since the adjustable link is secured to the clevis by a sliding connection, so that it can be set at any point within the range of its 35 movement.

In the accompanying drawings, Figure 1 is a top plan view of the end of a plow-beam and a clevis embodying our invention. Fig. 2 is a side elevation of the same.

40 The end of the plow-beam A has secured to it on each side a metallic plate B, forming jaws to receive the clevis C. The jaws are preferably widened vertically at their front ends to provide for a series of holes *b*, those 45 in one jaw standing opposite those in the other, so that by means of suitable fastening devices a clevis C can be attached thereto at different heights.

50 The clevis extends horizontally across in front of the jaws B, and consists of a metallic

bar having along its front edge a series of transverse holes *c* for the adjustment of the draft ring or shackle D, to which the draft-chain E is hooked. These parts are not substantially different from those now in use. 55 Our invention relates particularly to the means by which the clevis is fastened to the jaws. Near one end of the clevis is a rearwardly-extending lug *c'*, preferably integral with the body of the clevis and bifurcated to 60 receive one of the jaws B. The rear edge of the clevis is provided with a rib *c²* on both sides, preferably slightly undercut, as shown. A bifurcated block C' is fitted to slide along this rear edge of the clevis and is provided 65 with a flange or flanges *c³*, which engage with the rib or ribs *c²* and retain the block in place on the clevis. It can be slid along the clevis to any desired point to accommodate itself to any width between the jaws B, which are received between the ears *c⁴* of the lug *c'* and 70 block C'. The ears are perforated transversely to permit a fastening-pin F to be passed through them and the jaws. The pin has a head *f* at one end and may be prevented 75 from accidental removal by a cotter-pin *f'* passed through a hole in its other end.

It is evident that this clevis can be readily and quickly adjusted to beams of different widths, as the sliding block gives an infinite 80 fineness of adjustment within the range of its movement.

Having described our invention, what we claim is—

The combination with parallel jaws, of a 85 clevis having means for the adjustable connection of a draft-chain and provided with devices whereby it can be attached to jaws of any width, consisting of a stationary lug on the clevis to engage with one jaw; ribs along 90 the rear edge of the clevis, and a block adapted to engage with the other jaw and having flanges engaging with the ribs on the clevis.

In testimony whereof we affix our signatures in presence of two witnesses.

JAMES H. CHIDESTER.
WILLIAM TURK.

Witnesses:

FRED. P. WHEELER,
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