

No. 741,793.

PATENTED OCT. 20, 1903.

T. J. HUBBELL.
REVERSIBLE PLOW POINT.
APPLICATION FILED JULY 14, 1902.

NO MODEL.

Fig. 1.

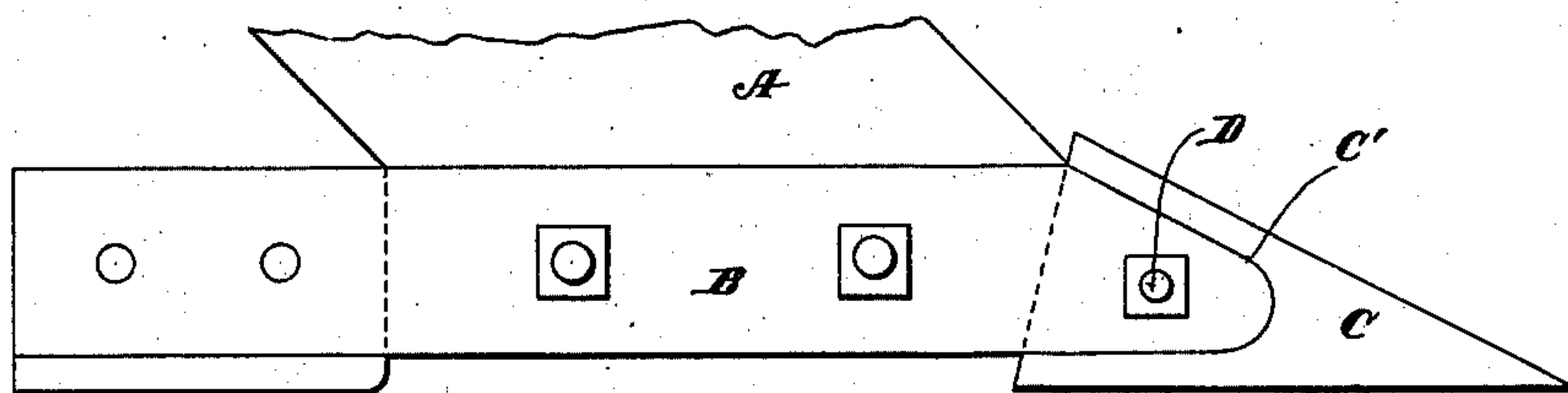
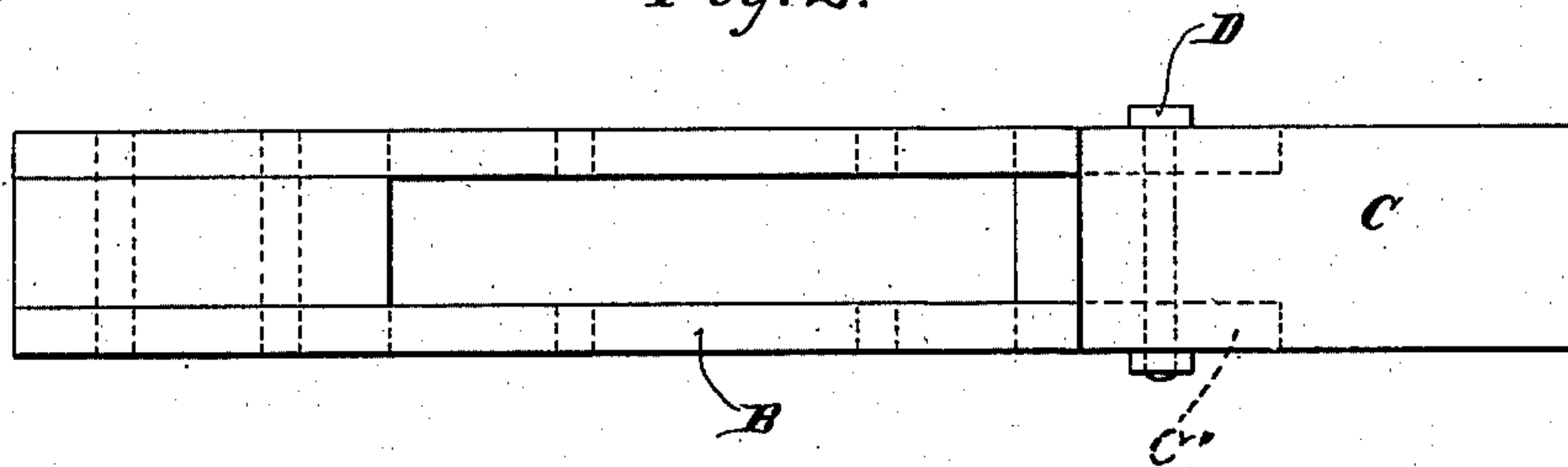


Fig. 2.



WITNESSES

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INVENTOR

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THOMAS J. HUBBELL, OF LOS ANGELES, CALIFORNIA, ASSIGNOR OF THREE-ELEVENTHS TO H. C. NORRIS AND C. E. NORTON, OF LOS ANGELES, CALIFORNIA.

REVERSIBLE PLOW-POINT.

SPECIFICATION forming part of Letters Patent No. 741,793, dated October 20, 1903.

Application filed July 14, 1902. Serial No. 115,568. (No model.)

To all whom it may concern:

Be it known that I, THOMAS J. HUBBELL, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented new and useful Improvements in Plows, of which the following is a specification.

My invention relates to reversible plow-points for use, preferably, on subsoil-plows; and its object is to double the wearing quality of a plow-point. I accomplish this object by means of the device herein described, and shown in the accompanying drawings, in which—

Figure 1 is a side elevation of the lower portion of a plow with my reversible point in place thereon. Fig. 2 is a plan of the same with the shank of the plow removed.

In the drawings, A represents the shank of the plow, and B the side plates thereof, and C is my reversible point. This point consists of a triangular strip having recesses C' on both sides thereof for the reception of the rounded ends B' B' of the side bars or plates B. It is likewise perforated for the reception of the screw-threaded bolt D, which passes through suitable openings in the side bars or plates and the point.

When the point becomes worn on the lower edge, it can be easily reversed and the upper unworn edge turned to the bottom after the removal of the bolt D, and the bolt can then be replaced and the side bars or plates screwed tightly thereon.

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

1. In a plow, the combination with a shank, of independent side bars between which the shank is secured, and a reversible plow-point received between the side bars.

2. The combination with a shank and independent side bars secured thereto, of a reversible plow-point received between the ends

of the side bars, the ends of the side bars adapted to be clamped firmly against the point.

3. The combination with a shank and independent side bars secured thereto, of a reversible plow-point having recesses formed therein, the ends of the side bars adapted to be received in the recesses and means for clamping the ends of the side bars securely to the web of the plow-point.

4. In a plow, the combination with a pair of independent side bars, of a reversible plow-point having a pyramidal contour, and wholly contained therewithin, the plow-point received between the side bars and means for securing the pyramidal plow-point to the side bars.

5. In a plow, the combination with a standard and side bars secured thereto, of a plow-point, having recesses formed therein conforming in shape to the ends of the side bars, the ends of the side bars being received in the recesses, the outer surfaces of the side bars being flush with the outer surfaces of the plow-point and means for removably securing the point to the side bars.

6. In a plow, the combination with side bars, of a plow-point having recessed sides, the ends of the side bars conforming in shape to the shape of the recesses and being received therein, the web formed by the recesses provided with an aperture in alinement with apertures formed in the ends of the side bars and a bolt removably received in the apertures to secure the side bars tightly in the recesses formed in the plow-point.

In witness that I claim the foregoing I have hereunto subscribed my name this 3d day of July, 1902.

THOMAS J. HUBBELL.

Witnesses:

M. C. NICKELESON,
G. E. HARPHAM.