

C. T. CROOK & L. J. HUFFMAN.
Plow.

No. 221,528.

Patented Nov. 11, 1879.

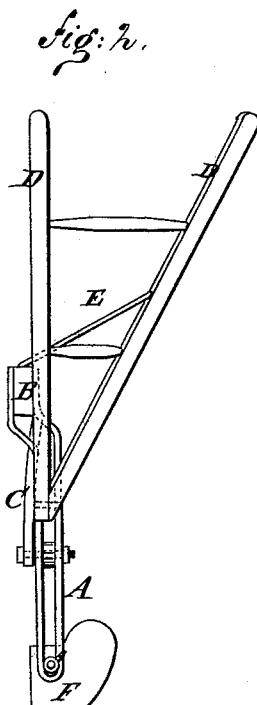
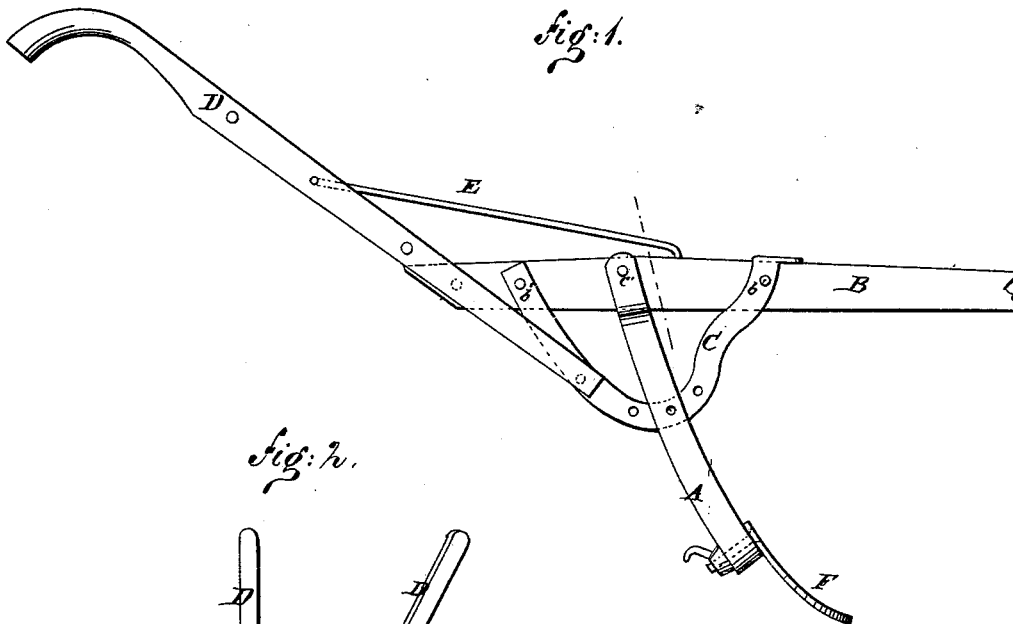
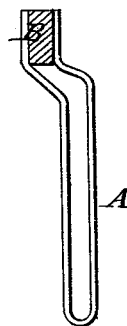


Fig: 3.



WITNESSES:

Chas. Knaa
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UNITED STATES PATENT OFFICE.

CHARLES T. CROOK AND LOGAN J. HUFFMAN, OF FORT MILL, S. C.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **221,528**, dated November 11, 1879; application filed March 26, 1879.

To all whom it may concern:

Be it known that we, CHARLES T. CROOK and LOGAN J. HUFFMAN, of Fort Mill, in the county of York and State of South Carolina, have invented a new and Improved Plow, of which the following is a specification.

Figure 1 is a side elevation of the plow. Fig. 2 is an end elevation. Fig. 3 is a rear elevation of the bifurcated foot of the plow.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish a bifurcated foot for a plowshare that will allow of the raising and lowering of the share at will, and that will be so adjusted as to prevent the clogging of both foot and plowshare from grass, litter, &c.

The invention consists of the bifurcated foot A, that is made ordinarily of one continuous length of light wagon-tire iron, in order to secure strength and ease of construction. It is pivoted to the plow-beam B at the point *e'* by a bolt passing entirely through the beam and through both of its ends. The curved stay-rod C is also made of iron, and acts as a stay in front and a brace in rear of the foot. Its two ends are bolted on a side of the plow-beam at *b'* *b'*, and through its central portion are two or more small holes and a corresponding one in the foot. This stay-rod bears against a side of the foot A, and they are held together by a bolt passing through one of the holes in the stay and the holes made through both prongs of the foot. The angle of the foot may be adjusted or changed by changing the bolt to some one other of the holes in the stay.

The handles D D of the plow are bolted at their lower ends to the stay C, and the inner

one is also bolted, a little higher up, to the plow-beam, thereby securing sufficient stability, while the outer handle is supported and stayed by the rod E, one end of which is secured to the handle and the other to the beam.

The plowshare F is secured to the bifurcated foot in the usual way, with nut and bolt or some equivalent device.

Close at the under side of the plow-beam the bifurcated foot is bent aside at nearly a right angle, as shown, to give it an offset equal to the combined thickness of the beam and the stay C, so that the attached plowshare shall meet with no obstruction because of beam, colter, or stay-rod when turning up grass, litter, &c., as is the case in all plows wherein the foot and plowshare are set directly under the beam.

By placing the brace or stay C outside of the foot A, instead of, as is usual, between the two sides of the foot, we also make the plow much less liable to catch up grass and other loose material lying on the surface of the soil and to become clogged thereby.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

The bifurcated standard A, having an offset in both arms, to cause the shovel-foot to stand upon one side of the beam, in combination with the curved double brace C and beam B, as shown and described.

CHARLES TAYLOR CROOK.
LOGAN JOHN HUFFMAN.

Witnesses:

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