

(No Model.)

J. G. COCKSHUTT.
Wrought Iron Plow.

No. 238,651.

Patented March 8, 1881.

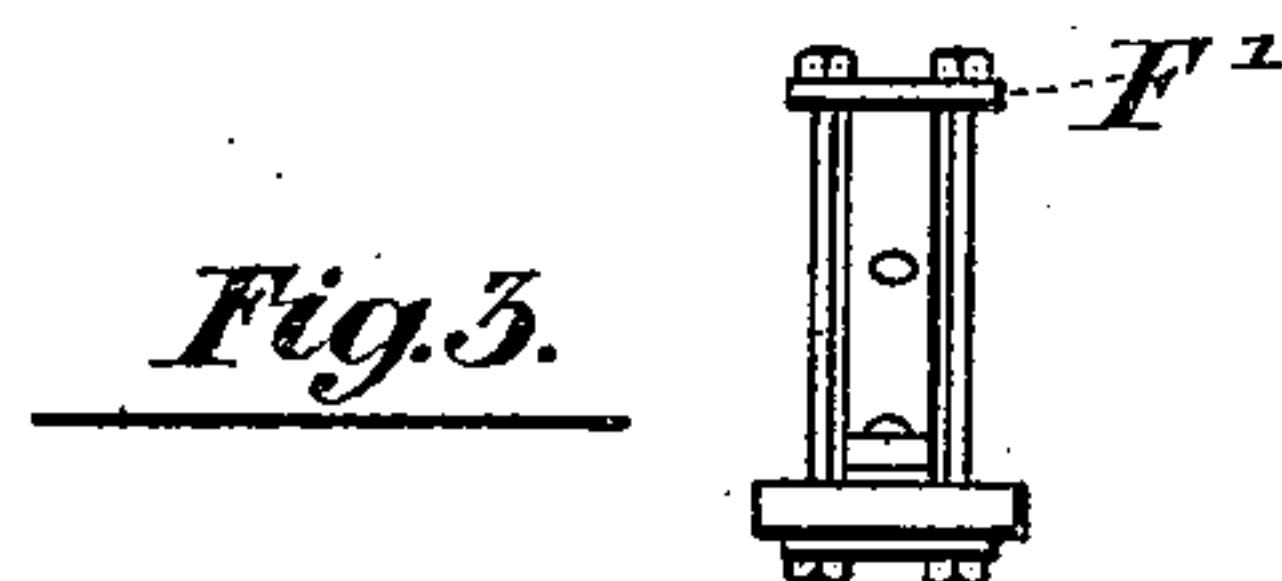
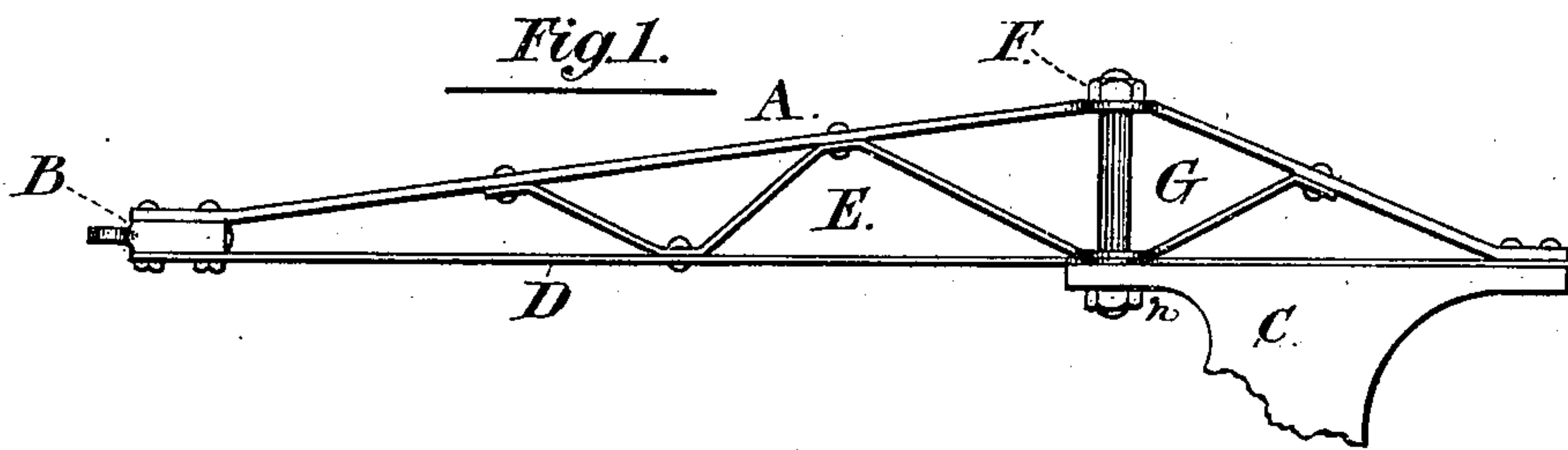


Fig. 2.

Witnesses.

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UNITED STATES PATENT OFFICE.

JAMES G. COCKSHUTT, OF BRANTFORD, ONTARIO, CANADA.

WROUGHT-IRON PLOW.

SPECIFICATION forming part of Letters Patent No. 238,651, dated March 8, 1881.

Application filed December 3, 1880. (No model.)

To all whom it may concern :

Be it known that I, JAMES GEORGE COCKSHUTT, of the city of Brantford, in the county of Brant, in the province of Ontario, manufacturer of agricultural implements, a subject of the Queen of Great Britain, have invented a new and useful Wrought-Iron Plow-Beam, of which the following is a specification.

The object of the invention is to construct a light, strong, and cheaply-made plow-beam; and it consists in the peculiar construction and arrangement of the parts of a wrought-iron-truss plow-beam, as hereinafter more fully set forth.

Figure 1 represents an elevation of my improved plow-beam; Fig. 2, a plan.

As shown in the drawings, A is a flat iron bar, extending from the clevis-block or casting B to the standard C, bent approximately in the shape shown and forming the top chord of the truss, the bottom chord being formed by the bar D, which likewise extends from the clevis-block or casting B to the standard C, and is also shaped substantially as shown. The braces are formed by the bar E, which extends in a zigzag course from or near the clevis to the rear end of the bar A, being riveted alternately to each bar A and D, as represented. A bolt, F, passes through the standard C and the bars A, E, and D, a piece of gas-pipe, G, being inserted between the bars E and A in the position shown, forming a fer-

rule or sleeve between these points for the bolt F, which passes through it and is secured by a suitable nut, *n*, in the usual way.

In Fig. 3, I show a plan to obviate making a hole through the beam. In this arrangement I dispense with the bolt F and use a saddle, F', as shown.

It will be noticed that a truss-beam constructed in this form will have great strength, while at the same time its lightness and durability will command the attention of all who consider the matter.

I am aware that a truss plow-beam cast in one piece and a wrought-iron-truss plow-beam composed of several pieces have heretofore been constructed, and I therefore lay no claim, broadly, to such constructions, my invention being confined to the details of construction pointed out in the claim.

What I claim as my invention is—

The combination, with the standard C, of the wrought-iron bars A D, secured thereto, clevis-block B, secured to the bars A D, zigzag bar E, riveted at its angles alternately to the bars A D, sleeve G, and bolt F, substantially as described, and for the purpose set forth.

J. G. COCKSHUTT.

Witnesses:

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