

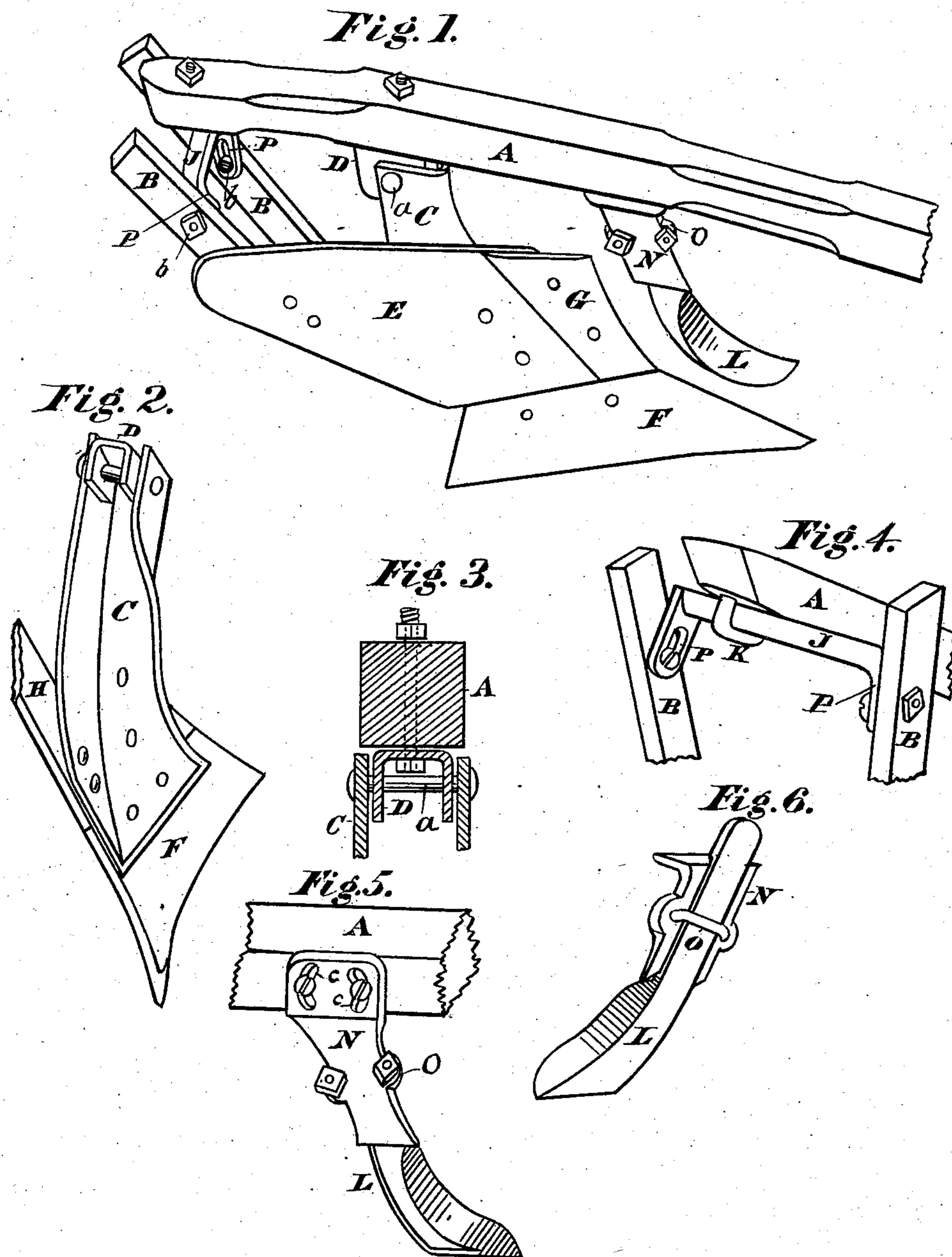
(No Model.)

C. F. MOCK.

PLOW.

No. 260,772.

Patented July 11, 1882.



WITNESSES

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UNITED STATES PATENT OFFICE.

CHARLES F. MOCK, OF LOUISVILLE, KENTUCKY.

PLOW.

SPECIFICATION forming part of Letters Patent No. 260,772, dated July 11, 1882.

Application filed April 23, 1880. (No model.)

To all whom it may concern:

Be it known that I, CHARLES F. MOCK, of the city of Louisville, in the county of Jefferson and State of Kentucky, have invented a certain new and useful Improvement in Plows; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, forming part of this specification, and to the letters of reference marked thereon, in which—

Figure 1 is a perspective view of the plow with part of the handles cut away, showing its general construction without them. Fig. 2 is a perspective view of the back part and under side of the plow, showing the extended lower end of the standard to which the share-point is secured. Fig. 3 is a view of the upper end of the standard, showing the hinged head-flange. Fig. 4 is a perspective view of the cross-bar for adjusting the beam. Fig. 5 is a perspective view of the adjustable colter and standard to which it is secured. Fig. 6 is a perspective view of the adjustable colter, showing the stirrup by which it is secured to the bracket or standard.

This invention consists in an adjustable plow composed of a standard made of sheet or plate metal adapted to receive the point, mold-board, and landside, combined with a head-piece to which such standard is pivoted, and a beam pivoted to an angular cross-bar adjustably bolted to the handles, all as hereinafter specified and claimed.

In the drawings, A represents the beam of the plow, and B B are the handles, parts of which are cut away.

C is the standard, which is made of wrought-iron cut from a sheet of uniform thickness and of the required number, and formed into shape by means of dies operated by pressure. This standard gradually increases in width from the top to the lower end, where it is made sufficiently wide to receive the mold-board, cutter, share-point, and landside independently of each other, and to which they are all secured and held firmly in their places without further bracing to strengthen them.

D is the head-flange of the standard, bolted to the beam, as shown in Fig. 3, and made separate from the standard, which latter is hinged loosely thereto, as by a bolt, *a*, so as to yield in adjusting the beam.

E is the mold-board, which is made of sheet iron or steel, and in form somewhat similar to those now in common use, and is secured to the standard C by bolts or otherwise, without any recess in the lower edge to receive the share-point, and is made to project in front of the standard C sufficient for the cutter G to be bolted thereto. This cutter G is slightly curved to the landside, but is not recessed into the mold-board, but simply drawn down to a thin edge at the back and bolted against it.

F is the share-point, which is made similar to those now in use, and bolted to the projecting lower edge of the standard C independent of the mold-board, thereby rendering the mold-board and arrangement of the several parts much cheaper and stronger.

H is the landside, which is also secured to the extended side of the standard C by means of bolts or otherwise, and by which it is held firmly without further bracing or support, except the stock-frame of the plow.

J is the cross-bar, adjustable by its slotted ends P and bolts *b* between the handles. To this cross-bar the rear end of the beam is attached by means of a hook or stirrup, K, by which, in connection with the slotted ends P of the cross-bar J, the beam can be adjusted either laterally or vertically.

L is the adjustable colter, which is made to slide in a recess in the side of the standard N, which is secured to the under side of the beam in front of cutter G. This standard N is provided with slots *c* and bolts in the flanges to permit its being turned in adjusting the colter L, which can be easily raised or lowered in the recess in standard N, and when set is held firmly by the stirrup O.

What I claim as new, and desire to secure by Letters Patent, is—

In an adjustable plow, the standard C, made of sheet or plate metal, as shown and described, and adapted to receive the point, mold-board, and landside, in combination with the head-piece D, the pivot-pin *a* to connect the standard and head-piece, the adjustable beam A, angular slotted cross-bar J, pivot-bolts *b b*, and handles B, constructed and arranged to operate substantially as specified.

Witnesses: CHARLES F. MOCK.

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