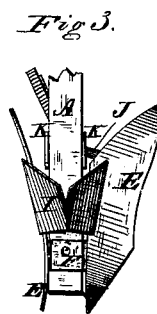
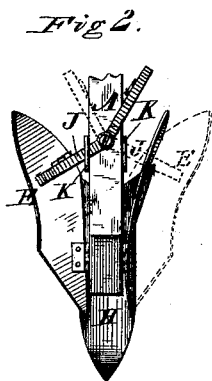
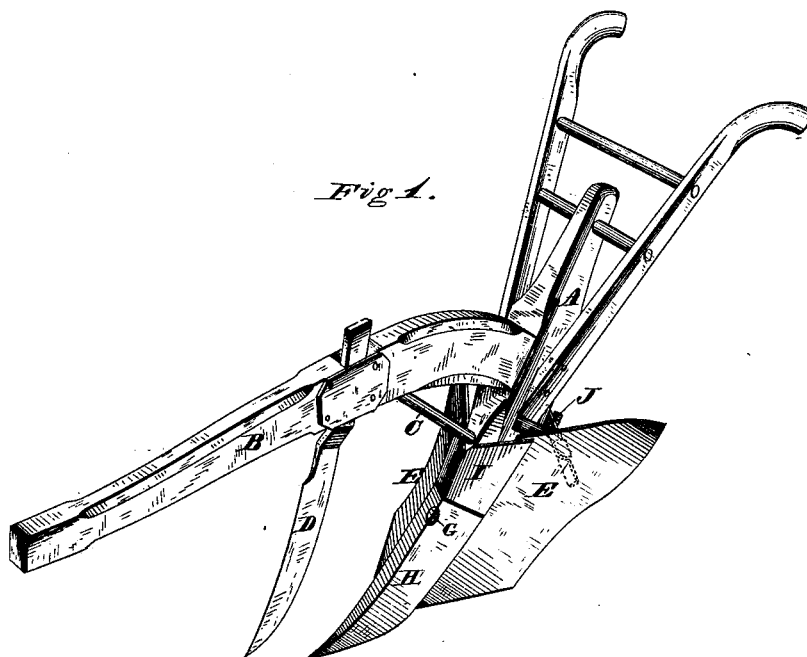


J. W. BARNETT & T. J. HOBBS.
Side-Hill Plow.

No. 206,070.

Patented July 16, 1878.



WITNESSES

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UNITED STATES PATENT OFFICE.

JOHN W. BARNETT AND THOMAS J. HOBBS, OF FOUNTAIN CREEK, TENN.

IMPROVEMENT IN SIDE-HILL PLOWS.

Specification forming part of Letters Patent No. **206,070**, dated July 16, 1878; application filed April 29, 1878.

To all whom it may concern:

Be it known that we, JOHN W. BARNETT and THOMAS J. HOBBS, of Fountain Creek, in the county of Maury and State of Tennessee, have invented a certain new and Improved Plow; and we do hereby declare the following to be a full and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view of our improved plow with both mold-boards spread out. Fig. 2 is a rear view, and Fig. 3 is a front view with the plow-point removed to show the means for hinging the mold-boards to the standards.

Similar letters of reference in the several figures denote the same parts.

Our invention has for its object to improve the construction of hill-side and turning plows, whereby they are rendered more complete and efficient in their operation; and to this end it consists in certain novel details of construction, which we will now proceed to describe, and point out particularly in the claims.

In the accompanying drawings, A is the standard, having an unusual inclination, and B is the beam, to which a greater curvature is given than in ordinary plows, the two occupying such relation to each other as to produce a light, easy draft, and sufficient space for the plow to clear itself in rough land or among stalks or weeds. The standard and beam are strengthened by the tie-rod C, and the latter is provided with a colter, D, in the usual manner.

E E are the mold-boards, each hinged to a plate, F, let into the face of the standard, and held in place by the single bolt or screw G, by which the plow-point H is also secured to the standard, as shown. The point is bent forward at its lower end, so as to practically form an extension of the lower edges of the mold-boards, which are made straight, as shown. The vertical edges of the mold-boards are curved slightly inward, and then rising are curved outward, so that, in conjunction with

the angle which they occupy on the beam, they shall readily clear themselves.

I is a plate secured to the standard immediately above the plow-point, and overlapping the mold-boards for the purpose of excluding dirt, &c., therefrom and from the hinges.

It is evident from the foregoing description that both mold-boards may be extended, which is the case when the plow is used for certain purposes, and that only one may be swung out, while the other lies flat against the standard to form a land-side for the plow, as is the case in hill-side plowing.

A stop, J, pivoted centrally to the rear of the standard, is adapted to hold either one or both of the wings extended, and loops K, also on the standard, hold the stop from dropping down out of its place. Both wings can be removed, when necessary, by first taking off the point, when, by replacing the latter, an ordinary shovel or cultivator plow is produced.

We are aware that it is not new to construct a plow with mold-boards hinged to each side of the plow-standard, and to provide means for alternately moving said mold-boards into a vertical position on their edges to form a land-side, as shown in the patent of Gossett & Stark, dated May 16, 1876, No. 177,503, and such construction we do not therefore broadly claim.

Having thus described our invention, what we claim as new is—

1. The combination, with the plow-standard, of the mold-boards E E, each hinged to a single plate, F, which lies under the plow-point, and is held in place, together with said point, by a single bolt or screw, G, substantially as described.

2. The stop J, pivoted at its center to the standard A, combined with the hinged mold-boards and the loops K, substantially as described, for the purpose specified.

JOHN W. BARNETT.
THOMAS J. HOBBS.

Witnesses:

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J. N. KENNEDY.