

E. G. Matthews,

Swivel Prow.

No. 108919.

Patented Nov. 1. 1870.

Fig. 1

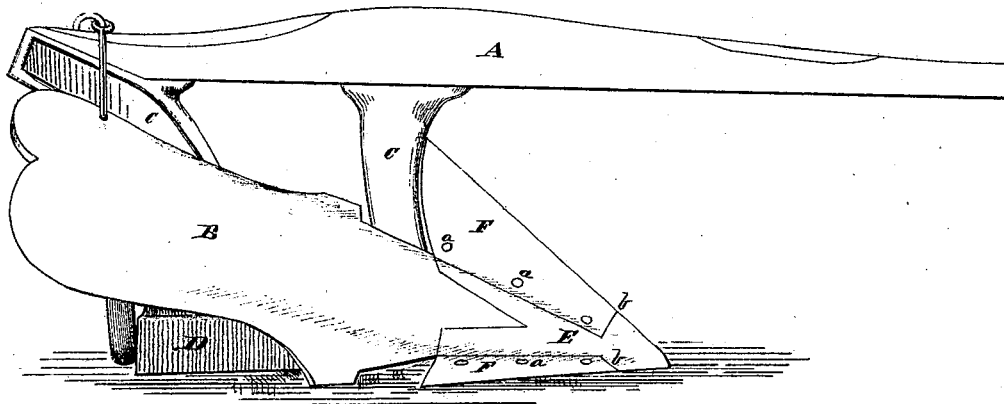
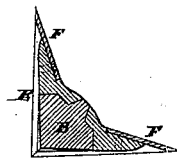


Fig. 2



Witnesses

Thos. H. Dodge

Chas. H. Furlough

Inventor

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ELBRIDGE G. MATTHEWS, OF OAKHAM, ASSIGNOR TO FRANKLIN F.
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IMPROVEMENT IN SWIVEL-PLOWS.

Specification forming part of Letters Patent No. 108,919, dated November 1, 1870.

To all whom it may concern:

Be it known that I, ELBRIDGE G. MATTHEWS, of Oakham, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Swivel-Plows; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, which form a part of this specification, in which—

Figure 1 represents a side view of my improved swivel-plow, and Fig. 2 represents a transverse section of the point or share.

To enable those skilled in the art to which my invention belongs to make and use the same, I will proceed to describe it more in detail.

The nature of my invention consists in the combination, with the point or share in a swivel-plow, of steel wings or cutting-edges, as hereinafter described.

In the drawings, the part marked A is the beam, B the mold-board, and C C the standards, which connect the beam A and bed D, all of which may be constructed in the ordinary manner, and therefore require no further description.

The point or share E is provided with steel wings F at each of its sides, as shown in the

drawings. The upper surface of the point is recessed to a sufficient depth to receive the thickness of the wings F, and they are secured in place by rivets or bolts *a*. The front ends of the wings F rest or abut against shoulders *b b* on the point, as indicated in the drawings. By combining the wings F with the mold-board B and point or share E, as above described, the front ends of the wings are protected by the shoulders *b b* from injury while in use.

In the operation of the plow the wing which is uppermost acts as a sward-cutter, while the one which is in a horizontal position cuts the roots under the furrow-slice, thus insuring the perfect separation and turning of the sod.

Having described my improved swivel-plow, what I claim therein as new and of my invention, and desire to secure by Letters Patent, is—

The combination, with the swiveled mold-board B and point or share E, of the wings F F, substantially as and for the purposes set forth.

E. G. MATTHEWS.

Witnesses:

THOS. H. DODGE,
CHAS. H. BURLEIGH.