

A. B. KELLOGG.
Plows.

No. 157,204.

Patented Nov. 24, 1874.

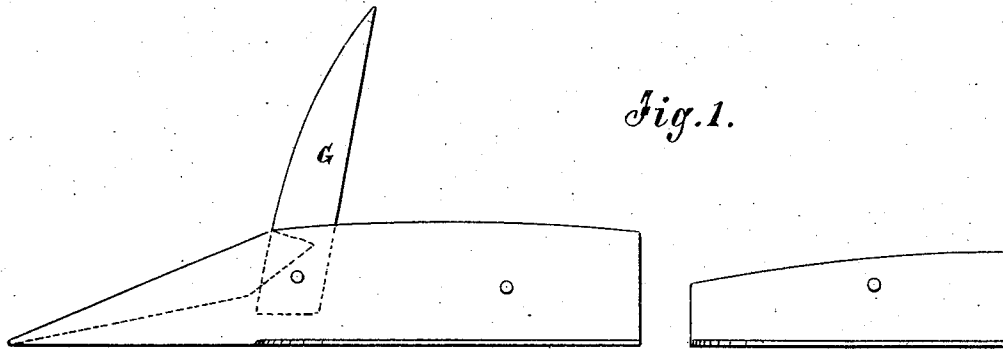


Fig. 1.

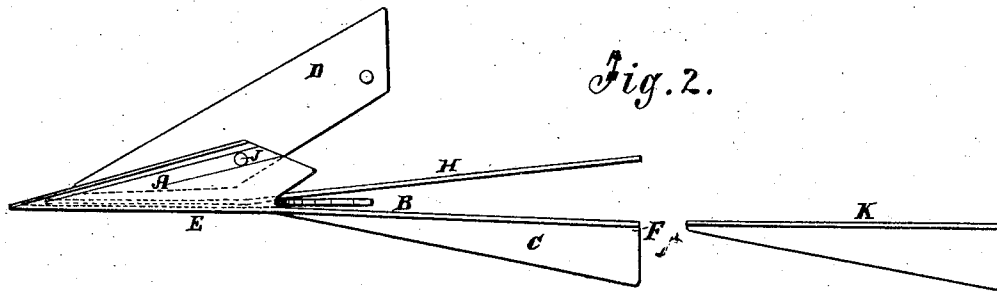


Fig. 2.

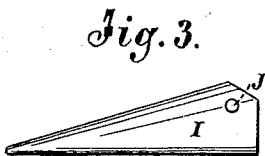


Fig. 3.

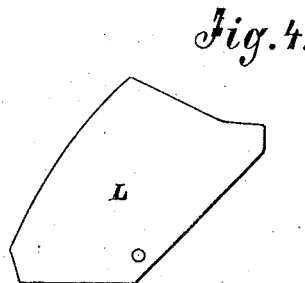


Fig. 4.

WITNESSES:

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INVENTOR:

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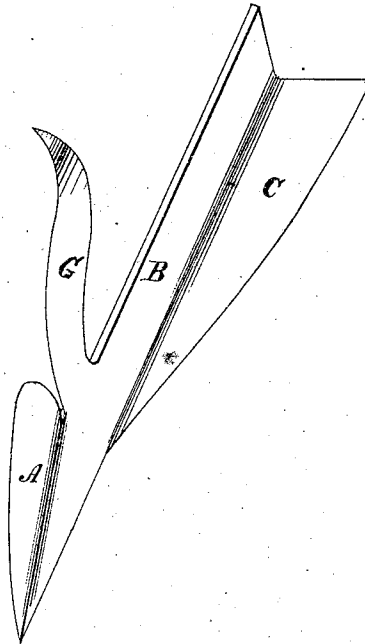
ATTORNEYS.

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Fig 5



WITNESSES:

A. B. Robertson.
A. M. Tanner

INVENTOR:

A. B. Kellogg

BY

New & B

ATTORNEYS.

UNITED STATES PATENT OFFICE.

ADNA B. KELLOGG, OF OAKLAND, OREGON.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **157,204**, dated November 24, 1874; application filed August 1, 1874.

To all whom it may concern:

Be it known that I, ADNA B. KELLOGG, of Oakland, in the county of Douglas and State of Oregon, have invented a new and Improved Plow, of which the following is a specification:

My invention consists of a point, land-side, and a share on the land-side, for cutting under the land, constructed of one piece of sheet metal cut out in suitable form, and bent in the shape required.

Figure 1 is a side elevation of my improved plow, including the re-enforcing land-side. Fig. 2 is a plan view of Fig. 1. Fig. 3 is a plan view of the re-enforcing point. Fig. 4 is a plan of the mold-board. Fig. 5 is a perspective view of a land-side bar, horizontal cutter-point, and vertical colter.

Similar letters of reference indicate corresponding parts.

A represents the point; B, the land-side; C, the share on the land-side along the hinder part, to run under the land in advance of the next furrow, for cutting the earth, roots, &c., which the mold-board share D cannot reach. This point A, land-side B, and share C are all constructed out of one piece of flat sheet metal cut out in the form required, and bent on the lines E F, as required. G represents the colter, which is bolted or welded on the land-side between it and the frame piece H, being made fast at its lower end and running to a point at its upper end and inclining toward the right a little to one side, so as not to form an angle with the beam, by which the choking with weeds, grass, &c., in the angle between the colter and the beam, to which the common plow is subject, is avoided. I represents the re-enforcing point, which is to be bolted on or

slipped on over the original point when the latter is worn out, said point I being merely laid upon the top of the old point and bolted at J by the same bolt which is used to attach the share D. K represents the re-enforcing land-side and share to be bolted on when the original land-side B and share C are worn out. They can be riveted onto the old land-side B and bolted to the handle. The point I will overlap the front end of the re-enforcing land-side K. L represents the mold-board.

The formation of the land-side bar, horizontal cutter, and point from a single plate or blank of metal is more fully represented in Fig. 5 of the drawing. The vertical colter G is, in the present instance, also formed in one piece with the land-side bar; but this is not an essential feature, as it may be formed separately and secured in place by welding or otherwise.

The formation of the land-side bar, horizontal cutter, and point from a single plate or blank of metal is more fully represented in Fig. 5 of the drawing. The vertical colter G is, in the present instance, also formed in one piece with the land-side bar; but this is not an essential feature, as it may be formed separately, and seamed in place by welding or otherwise.

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

The land-side bar B, horizontal cutter C, and point A, formed of a single plate or blank of metal, as and for the purpose described.

ADNA B. KELLOGG.

Witnesses:

J. B. EMERY,
JAMES R. DODGE.