

No. 628,431.

Patented July 4, 1899.

W. A. CLARK.
PLOW POINT.

(Application filed June 25, 1898.)

(No Model.)

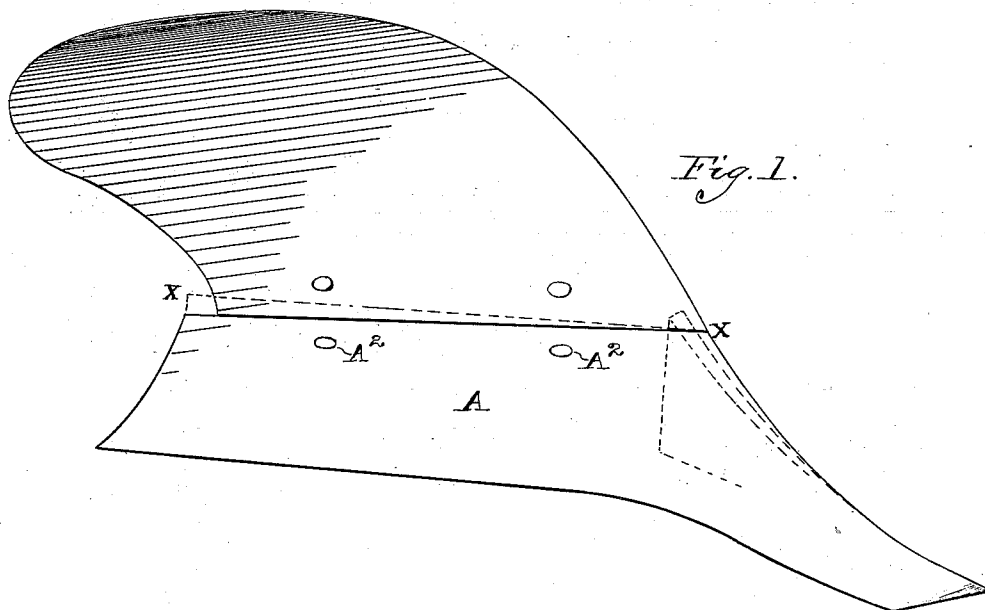


Fig. 1.

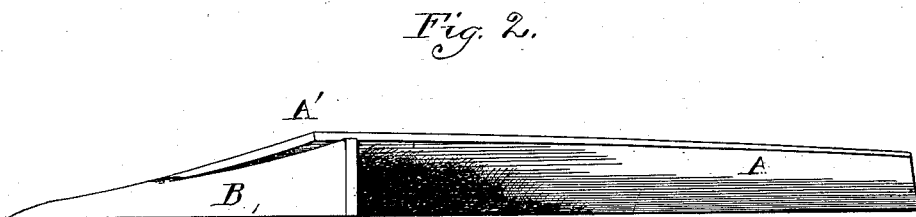


Fig. 2.

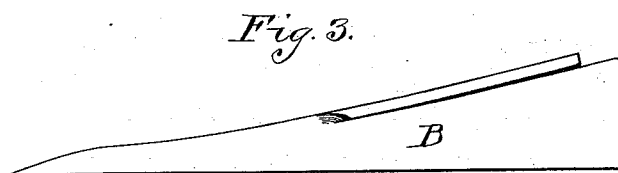


Fig. 3.

Witnesses:
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UNITED STATES PATENT OFFICE.

WILLIAM A. CLARK, OF ROCKFORD, ILLINOIS, ASSIGNOR TO THE WEYBURN
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PLOW-POINT.

SPECIFICATION forming part of Letters Patent No. 628,431, dated July 4, 1899.

Application filed June 25, 1898. Serial No. 684,505. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. CLARK, a citizen of the United States, residing at Rockford, in the county of Winnebago and State of Illinois, have invented certain new and useful Improvements in Plow-Points, of which the following is a specification.

In different sizes and styles of plows the angle formed between the intersecting lines of the share and the landside varies considerably, causing much labor in fitting when the worn point is replaced by a new one. The points commonly furnished blacksmiths for this work are formed on a certain angle, and if upon trial this angle does not correspond with that of the plow the point must be fitted by heating and bending. This operation weakens and distorts the point, besides taking much time in its accomplishment.

The object of this invention is to produce a plow-point which may readily be adapted to a plow of any angle, and this object is accomplished by welding the share and landside together along a portion only of their adjacent surfaces.

In the accompanying drawings, Figure 1 is a front elevation of a plow-base, showing one of my improved points attached thereto, dotted lines indicating the position of the unwelded portion of the landside. Fig. 2 is a rear side perspective view of a plow-point before it is fitted to the plow-base. Fig. 3 is a side elevation of the plow as shown in the preceding figure.

Like letters of reference indicate corresponding parts throughout the several views. A is the plowshare.

A' is a projecting edge of the plowshare A.

A² are bolts for securing the point in position on the plow-base.

B is the landside portion of the plow-point. The share and landside are welded together along a portion only of their adjacent surfaces.

In fitting this point to a plow-base the point is placed in position to ascertain if its angle agrees with that of the plow. If they coincide, no fitting is required. If their angles do not agree and the upper line of the plowshare does not coincide with the lower line of

the moldboard—following, for example, dotted line *x x* of Fig. 1—the point is heated and the rear end of the landside B is bent outward until the plow-point fits the base. When the angle of the plow-point has thus been made agreeable with the angle of the base, the joint between the landside B and the share A is closed by welding, the projecting edge A' of the share A is cut off, and the holes formed for receiving the securing-bolts A². If necessary, the rear end of the landside portion B is cut off until it forms a perfect joint with the forward end of the balance of the landside of the plow. The landside B may of course be bent either inward or outward to conform the angle of the point to that of the plow-base, the projecting edge A' of the share A being cut away and welded to the landside B after the proper angle of the point has been determined.

I claim—

1. As a new article of manufacture, a plow-point comprising share and landside portions, the share and landside being welded together at a portion only of their adjacent surfaces, whereby the angle formed between them may be altered to conform the plow-point to the angle of a plow.

2. As a new article of manufacture, a plow-point comprising share and landside portions, the share and landside being welded together at a portion only of their adjacent surfaces, said point of attachment being at or near the forward end of said landside, whereby the angle formed between the share and landside may be altered to conform the plow-point to the angle of a plow.

3. As a new article of manufacture, a plow-point comprising share and landside portions, the share and landside being welded together along a portion only of their adjacent surfaces, said point of attachment being at or near the front part of said adjacent surfaces, whereby the angle formed between the share and landside may be altered to conform the plow-point to the angle of a plow.

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