May 29, 1915.

DRAWING

85

A careful search has been nade this day for the original drawing or a photolithographic copy of the same, for the purpose of reproducing the said drawing to form a part of this book, but at this time nothing can be found from which a reproduction can be made.

Finis D. Morris,
Chief of Division E.

AWK.

UNITED STATES PATENT OFFICE.

BANCROFT WOODCOCK, OF MOUNT PLEASANT, PENNSYLVANIA.

PLOW.

Specification of Letters Patent No. 85, dated November 23, 1836.

To all whom it may concern:

Be it known that I, BANCROFT WOODCOCK, of Mount Pleasant, in the county of Westmoreland and State of Pennsylvania, have invented a new and useful Improvement in Points for Plows, which I denomiate "The Renewable Point;" and I do hereby declare that the following is a full and exact description thereof.

The general form given to the share which I use is that represented in Figure 1, of the accompanying drawing, A being the point or fore end thereof, and B the heel or back end.

C, C, are the lateral cutting edges, and D, the bolt hole by which it may be secured on the under side of the plow. The intention is, when one edge of this share is so worn as that it does not operate well, to turn it over, and thus bring the other edge into use, by which means one casting or one wrought share, will last as long as two on the ordinary construction. This share it will be seen differs from the self sharpening share in reversing laterally only, and not longitudinally, and is not therefore upon the self sharpening principle, the exact form of the share will depend upon that of the plow to which it is to be attached, as it is equally applicable to almost every variety of plow, but as the self sharpening share reversed laterally, I do not claim this share as new, although I use it in my plow as being public property.

Figs. 2, and 3, represent the manner in which I make and attach the point to the plow, Fig. 2, being a top, and Fig. 3 a side view thereof. D is the renewable point, which should be made of steel, or other suitable metal; E, is a shank which may be of cast, or wrought iron and by which the point it attached to the share, and mold board—a screw-bolt passing through them, and through the shank at F. The point D is attached to the shank by a screw bolt G, or otherwise, and has also a lip, or dovetail at H to aid in rendering it steady.

By the employment of the renewable point I am enabled readily to obviate the difficulty arising from the rapid wearing of this part of the plow, and I have also devised and put into operation a plan by which the inconvenience and loss resulting from the wearing of the front or forward end of the mold board is likewise obviated; this I effect by casting the front end on to the land side with a projecting piece in form like that of the front end of the mold board, and leaving off from the mold board a portion corresponding thereto—say a width of two inches, more or less, so that when the mold board and land side are put together they assume the usual form, and when the forward end is worn, it is renewed by renewing the land side only.

What I claim as my invention, and wish to secure by Letters Patent, is—

The employment of a renewable steel or other point in a separate piece from the shank by which it is attached to the plow made and operating substantially like that above described.

BANCROFT WOODCOCK.

Witnesses:

JOHN D. CLARK,

MICHL. ROUGHAN.