

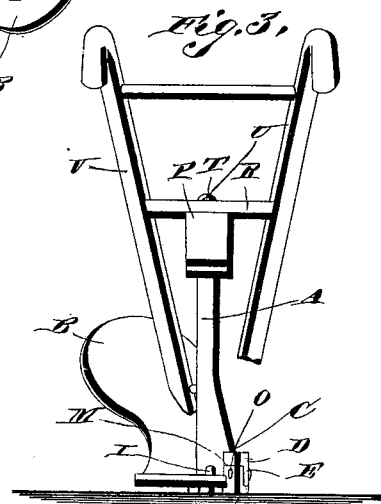
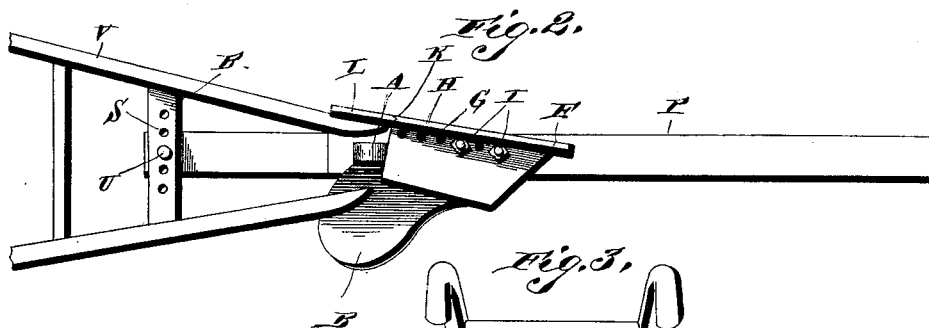
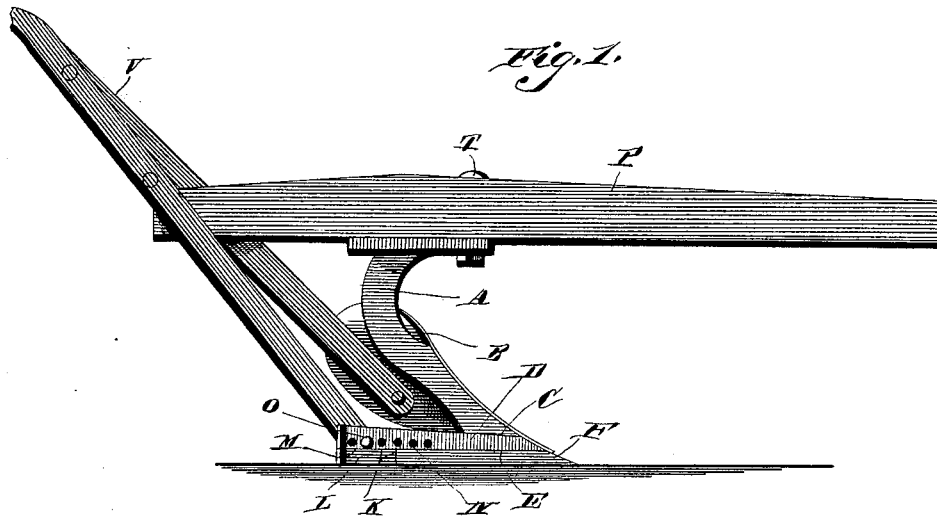
(No Model.)

R. McINTURFF.

Plow.

No. 387,003.

Patented July 31, 1888.



Witnesses,

C. B. Taylor,
R. J. Marshall, Jr.

Inventor,

Robert McInturff.

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UNITED STATES PATENT OFFICE.

ROBERT McINTURFF, OF HICKORY, NORTH CAROLINA.

PLOW.

SPECIFICATION forming part of Letters Patent No. 387,003, dated July 31, 1888.

Application filed May 5, 1888. Serial No. 272,940. (No model.)

To all whom it may concern:

Be it known that I, ROBERT McINTURFF, a citizen of the United States, residing at Hickory, in the county of Catawba and State of North Carolina, have invented a new and useful Improvement in Plows, of which the following is a specification.

My invention relates to an improvement in plows; and it consists in the peculiar construction and combination of devices, that will be more fully set forth hereinafter, and particularly pointed out in the claim.

The object of my invention is to provide a plow with an adjustable point which is adapted to move forward from time to time as it becomes worn, thereby enhancing the durability of the point.

In the accompanying drawings, Figure 1 is a side elevation of a plow embodying my improvement. Fig. 2 is a bottom plan view of the same. Fig. 3 is a rear elevation.

A represents the plow-standard, which is curved as shown, and has its front side concave, and thereby adapted for the attachment of the mold-board B. In the landside side of the standard, at the lower end thereof, is a longitudinal recess, C, in which is secured the front end of a landside-plate, D. The said landside-plate extends rearward to a suitable distance beyond the standard, and is provided with a longitudinal recess, E, in its lower side.

F represents the point of a share, which is horizontal, has its front edge inclined obliquely, and is provided on one side with a depending longitudinal flange, G. In the bottom of the share, alongside the flange, is a series of openings, H, arranged at suitable regular distances apart and arranged in a longitudinal line. The share is arranged on the lower edge of the mold-board and of the standard, and is secured in position by means of a pair of bolts, I, which pass through openings in the mold-board and through two of the openings H, and are provided at their lower ends with clamping-nuts, which bear against the bottom of the share or point. In the rear end of the flange G is a vertical groove, K.

L represents a block or plate, which has its

front edge beveled and adapted to fit in the recess K, and is provided at its upper edge with a longitudinal flange, M, which enters the recess E. The landside-plate is provided with a longitudinal series of transverse openings, N, and the plate L has an opening which is adapted to register with either of the openings N. A bolt, O, extends transversely through the aligned openings and secures the plate or block L to the landside-plate.

P represents the plow-beam, which is bolted to the upper end of the standard A, and has its rear end extending rearward from the said standard. A cross-bar, R, arranged under the rear end of the beam, is provided with a series of openings, S, which are concentric with the pivotal bolt T, that connects the beam to the standard; and a bolt, U, extends through the rear end of the beam, and is adapted to engage either of the openings S, so as to secure the beam at any desired lateral adjustment.

V represents the handles, which are attached at a suitable distance from their upper end to the ends of the cross-bar R, and have their lower ends bolted to the landside-plate and to the mold-board, respectively. As the share or point becomes worn, the same is from time to time moved forward by means of the securing-bolt and the series of openings H, and the block or plate L is also adjusted forward a corresponding distance on the landside-plate, so as to preserve its relation with the share.

A share thus constructed is exceedingly durable, inasmuch as it may be used until a large proportion of it has been entirely worn away. Moreover, the plow thus constructed is very compact, is strong and durable, cheap and simple, and is very readily operated.

Having thus described my invention, I claim—

The combination of the plow having the rearward-extending landside-plate D, provided with the longitudinal recess E and the transverse openings N, the share or point arranged on the bottom of the plow and having the longitudinal depending flange G and the openings H, the bolts engaging said openings

and securing the share to the mold-board, the
plate or block L, having the flange arranged
in the recess E, said plate or block engaging
the rear end of the flange G, and the bolt ex-
5 tending through the flange of said block and
one of the openings N, for the purpose set
forth, substantially as described.

In testimony that I claim the foregoing as
my own I have hereto affixed my signature in
presence of two witnesses.

ROBERT McINTURFF.

Witnesses:

JAMES P. JONES,
S. E. KILLIAN.