

T. NABERS.

Improvement in Plows.

No. 126,077.

Patented April 23, 1872.

FIG. 1.

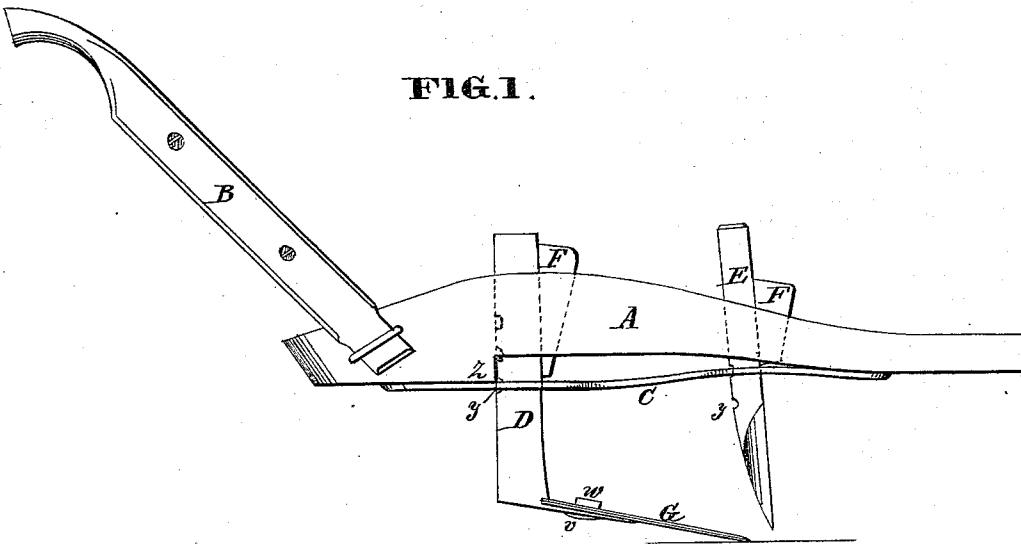
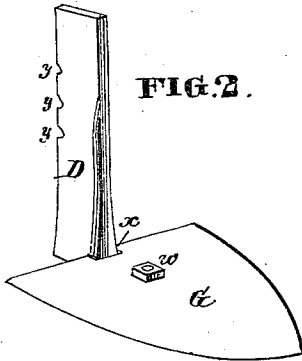


FIG. 2.



ATTEST.

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UNITED STATES PATENT OFFICE.

TALEMACHUS NABERS, OF ELYTON, ALABAMA.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 126,077, dated April 23, 1872.

Specification describing an Improved Plow, invented by TALEMACHUS NABERS, of Elyton, in the county of Jefferson, Alabama.

My invention relates to subsoil-breaking plows; and consists in an improved construction of the share or "sweep" and its standard, and in superior means for adjustably attaching the said standard and the colter to the beam, and for supporting the same.

Figure 1 is a side elevation of a plow embodying my invention. Fig. 2 is a perspective of the share or sweep and its standard.

A represents a wooden plow-beam, and B handles attached thereto in usual manner. This beam is made with a downward extension, *z*, at its rear end to which is attached one end of a flat metallic bar, C, attached at its other end at a point in front of the standard D and colter E. Elongated vertical slots in the beam A and shorter ones in the bar C receive the said standard and colter, which are constructed with notches *y* in their backs to engage with the ends of the latter, and locked by wedges F, driven in the front ends of the beam-slots. By using different ones of said notches the colter and share or sweep are adjusted as to depth of cut. The face of the enlargement *z* gives an extended support to the standard D, while a similar and sufficient support is afforded the colter by the bar C. The said bar may be attached by screws or bolts. The share or sweep G is perfectly

flat and reversible for self-sharpening. It is of the usual tapering shape, terminating in a sharp entering point, and is made from fifteen to eighteen inches long, and from fifteen to thirty inches wide. For attachment it is constructed with a notch, *x*, in its back to receive the face of the standard, and a perforation to receive a stud-bolt, *w*, projecting upward from an inclined foot, *v*, formed on the standard for the support of the share. The standard proper is a straight bar. The share or sweep is thus securely fastened by screwing down a single nut, and detached by removing the same.

The share or sweep is made of steel, and the standard D, bar C, and colter E of iron.

What I claim in this, my invention, is—

1. The subsoil-plow iron, composed of the standard D with inclined foot *v*, and the flat share G, of the form shown, supported on said foot, and secured by notch *x* and bolt *w*, said parts being constructed and combined as herein described, for the purposes set forth.

2. The slotted beam A, with downward extension *z*, the slotted bar C, standard D, colter E, and keys F, combined and operating substantially as represented and described, for the purposes specified.

TALEMACHUS NABERS.

Witnesses:

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