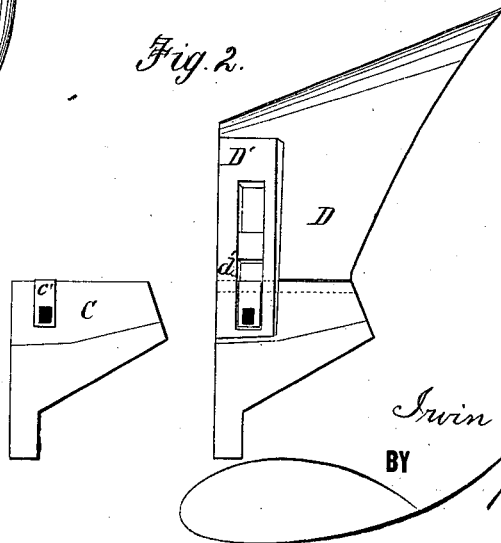
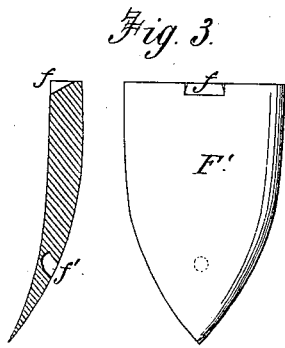
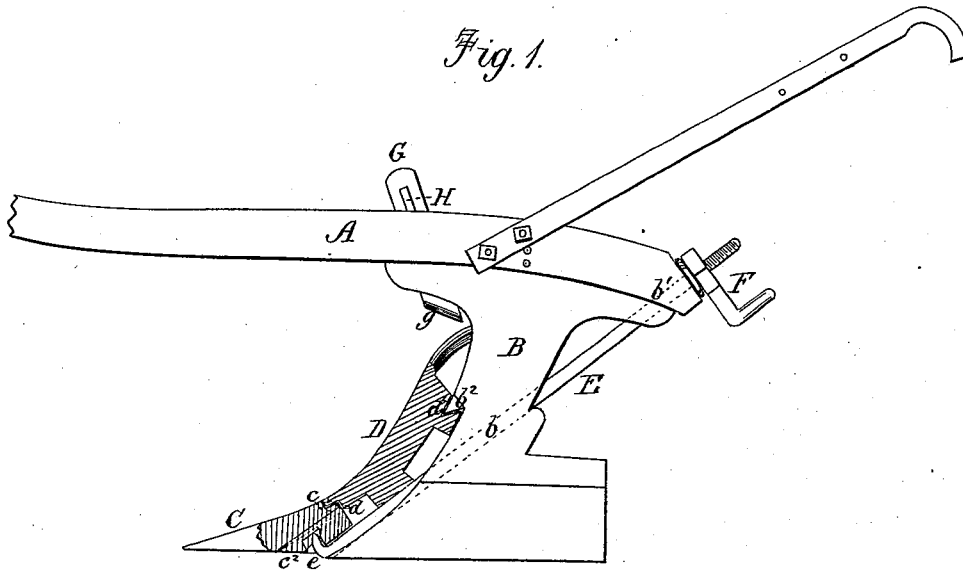


I. FREEMAN.

Plow.

No. 167,756.

Patented Sept. 14, 1875.



WITNESSES:  
*W. W. Hollingsworth*  
*John Kemou*

INVENTOR:  
*Irwin Freeman*  
BY *Wm. & C.*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE,

IRVIN FREEMAN, OF CORPUS CHRISTI, TEXAS.

## IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **167,756**, dated September 14, 1875; application filed September 3, 1875.

*To all whom it may concern:*

Be it known that I, IRVIN FREEMAN, of Corpus Christi, in the county of Nueces and State of Texas, have invented a new and Improved Plow; and I do hereby declare that following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming a part of this specification, in which—

Figure 1 is a side elevation, partly in section; Fig. 2, a bottom view of share and mold-board; Fig. 3, a detail view of shovel-plow.

The invention is an improvement in the class of plows whose shares or shovels are secured by means of a hook-rod passing through the beam. The improvement relates particularly to the construction and arrangement of parts, whereby the mold-board and share are locked together, and the skeleton or standard secured to the beam by means of such hook-rod, all as hereinafter described.

A represents the beam, B the skeleton, C the share, and D the mold-board, of a plow. The mold-board has a rigid subjacent part or attachment, D', projecting below the lower end, and provided with the slot  $d^1$ .  $d^2$  is a recess in the upper end of part D' to receive the lip  $b^2$  of frame, in order to prevent the mold-board from moving upwardly, while  $d$  is a lip of mold-board that fits into a recess,  $c$ , of share. The share has also a subjacent part or attachment,  $c^1$ , that fits into slot  $d^1$ , and in which is made a hole,  $c^2$ , to receive the hook  $e$  of the long rod E. The latter extends up obliquely

under the mold-board D, through the skeleton B at  $b^1$ , and also through the rear end of beam, so as to receive on its threaded end the lever-nut F. The mold-board being thus jointed at  $b^2$   $d^2$  to the frame, and at  $c$   $d$  to the share, the hook  $e$  is placed in the hole  $c^2$ , and the lever-nut turned one or more times to secure the parts firmly together, while the rod E also serves as a re-enforcement to the whole. The arrangement of the hook-rod to pass through the rear portion of the skeleton B enables me to dispense with the bolt ordinarily employed to clamp or secure a skeleton to the rear end of a plow-beam. The top-slotted lug G, having head  $g$ , may be placed through a slot of skeleton-frame and beam, so as to be fastened by a key, H, at the top.

Having thus described my invention, what I claim as new is—

1. The combination of the mold-board, provided with the slotted projecting back D', and the share C, having the recessed projection  $c$ , with the oblique hook-rod E and skeleton B, having lip  $b^2$ , as shown and described.

2. The combination, with a share recessed on the under side, and the skeleton having lip  $b^2$ , of the hook-rod E, passing through the rearward-projecting portion  $b^1$  of said skeleton, and securing it to the beam, in the manner specified.

IRVIN FREEMAN.

Witnesses:

SOLON C. KEMON,  
CHAS. A. PETTIT.