

(Model.)

A. NEELY.  
PLOW.

No. 268,268.

Patented Nov. 28, 1882.

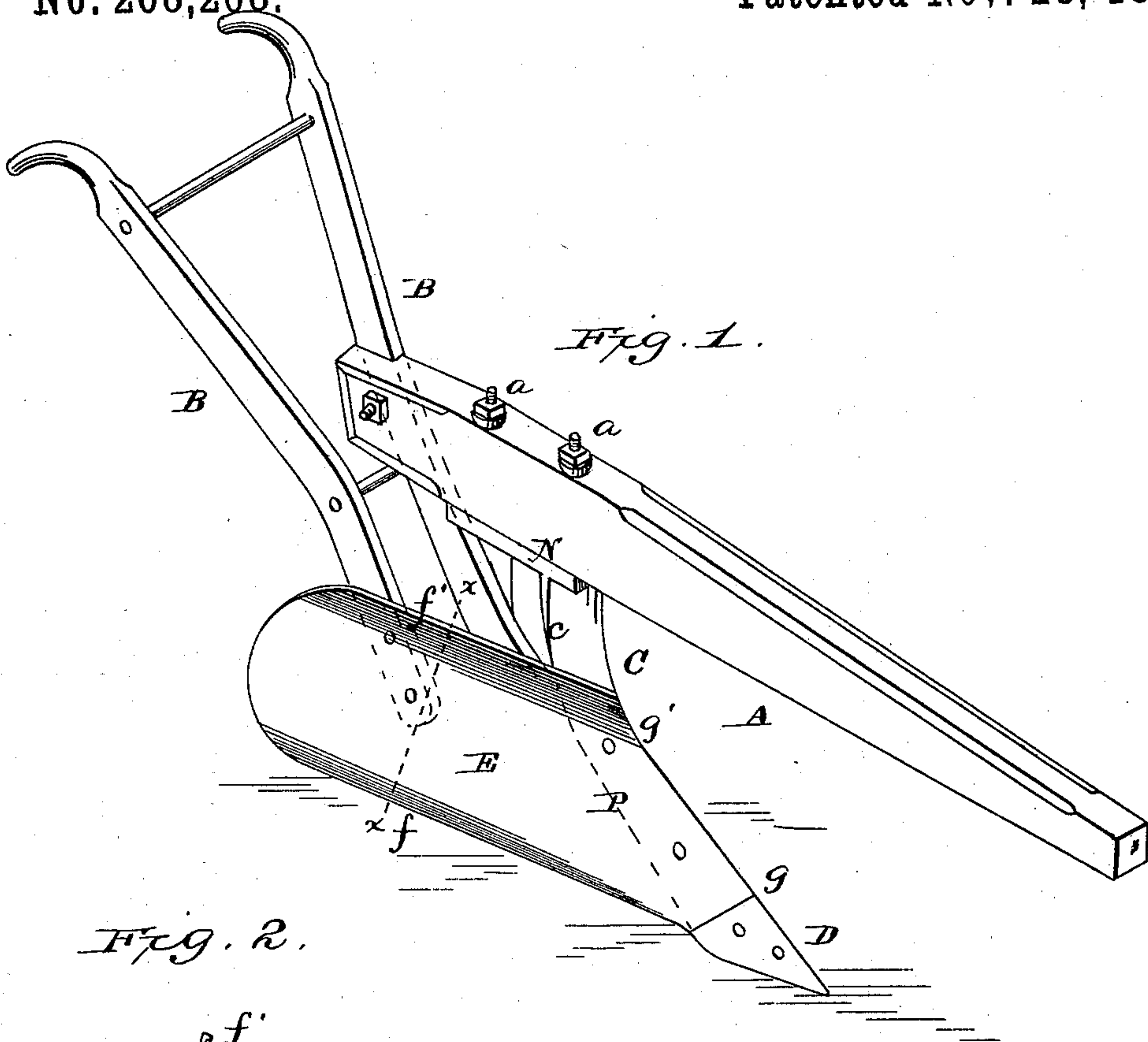
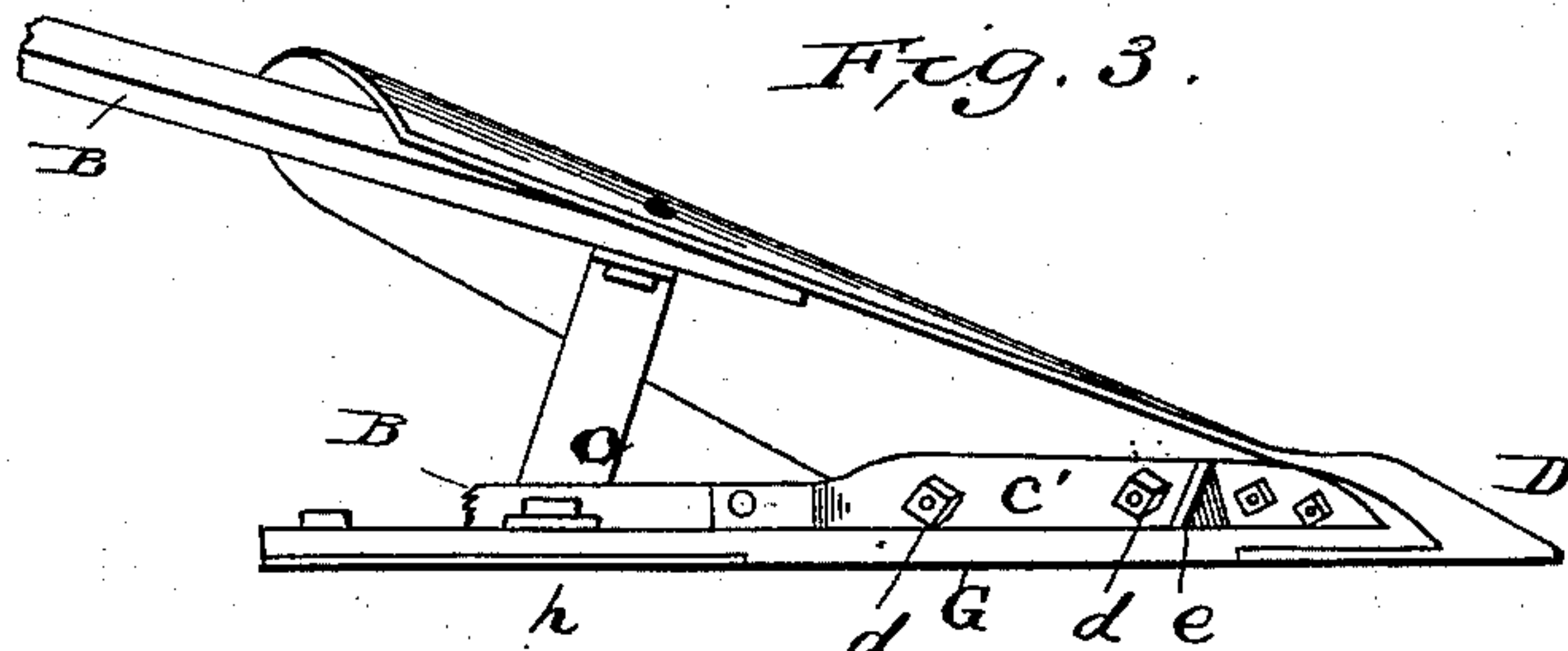
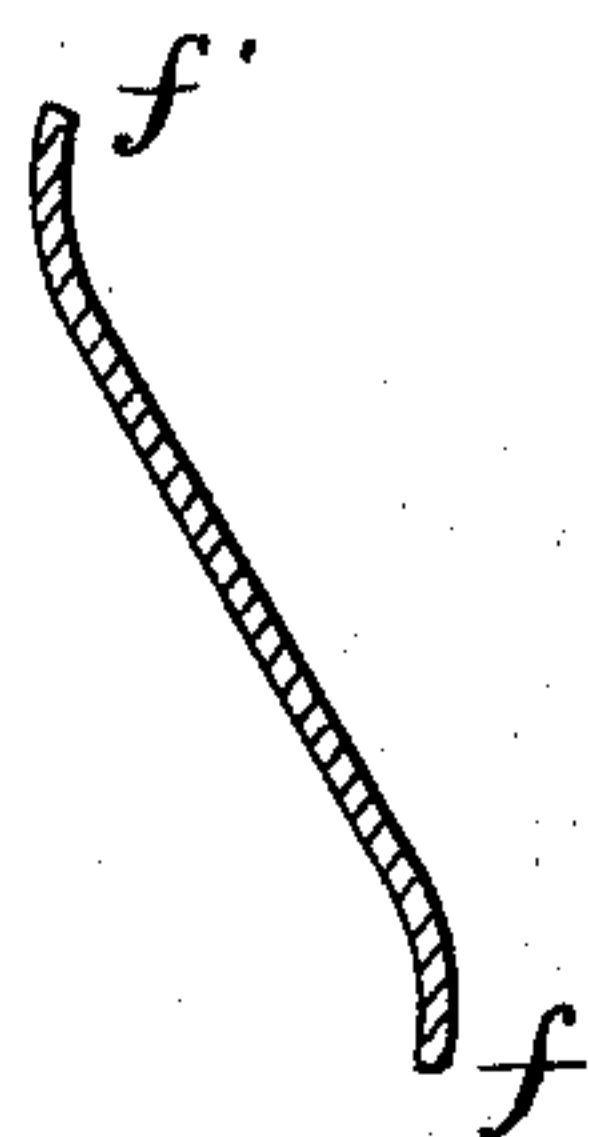


Fig. 2.



Witnesses.  
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# UNITED STATES PATENT OFFICE.

AUSTIN NEELY, OF JACKSON, MISSISSIPPI.

## PLOW.

SPECIFICATION forming part of Letters Patent No. 268,268, dated November 28, 1882.

Application filed June 19, 1882. (Model.)

*To all whom it may concern:*

Be it known that I, AUSTIN NEELY, of Jackson, in the county of Hinds, and in the State of Mississippi, have invented certain new and useful Improvements in Plows; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

This invention relates to certain improvements in plows; and it consists in the combination of a mold-board having curved extensions and a cutting-edge, a standard and a land-side and landside-bar, all constructed and adapted to operate as more fully hereinafter described.

In the annexed drawings, Figure 1 is a perspective view of my improved plow. Fig. 2 is a vertical section through the mold-board, taken in the plane indicated by dotted line *xx*. Fig. 3 is a bottom view of the plow.

The letter A designates the plow-beam, and B are the stilts or handles, one of which is bolted to the mold-board E, and the other is bolted to the standard C. The standard C is constructed with a flange, *c*, and it is rigidly bolted to the beam A by means of vertical bolts and nuts *a a*. The flange *c* is extended in width below the standard-bracing portion, and is indicated by the letter *c'*. The standard and the flanges *c c'* and the landside G are cast entire, with a strengthening-rib, *e*, near the point.

D designates the plow-point, which is a sheath adapted to form the landside-point and a part of the mold-board. This point, which is preferably made of steel, is secured by bolts to the plow so that it is removable. Its landside surface is flush with the landside G of the

plow. Its mold-board side is also flush with the mold-board E. The landside-bar is recessed to receive a steel wearing-plate, *h*, which is secured to said bar by means of bolts, and which is removable for the purpose of substituting a new plate when the old one is worn out.

It will be seen that the mold-board E is curved outward along its upper edge, *f'*, from the breast P to the rear extremity of the wing; also, that the lower edge, *f*, is curved inward or toward the landside. This is clearly shown in Fig. 2, and the object is that in running a furrow in prairie land the slice will be readily turned and the lower edge of the mold-board wing will not drag, nor will it have a tendency to deflect the point.

It will also be observed that the mold-board is adjusted in close relation to the land-side edge of the standard, thus forming a cutting-edge colter, *g g'*, extending from the point of the plow to the point *g'*, which, when it is taken in connection with the colter or cutting-edge of the standard C above the mold-board, affords a continuity of cutting-edge from the "point" to the flange N of the standard. O is a diagonal brace.

Having described my invention, I claim—

The combination of the mold-board E, having the curved extensions *f f'* and the cutting-edge *g g'*, the standard, the landside, and landside-bar, formed as described, all constructed and adapted to operate substantially as specified.

In testimony whereof I affix my signature, in presence of two witnesses, this 6th day of June, 1882.

AUSTIN NEELY.

Witnesses:

A. G. MOORE,  
J. F. MOORE.