

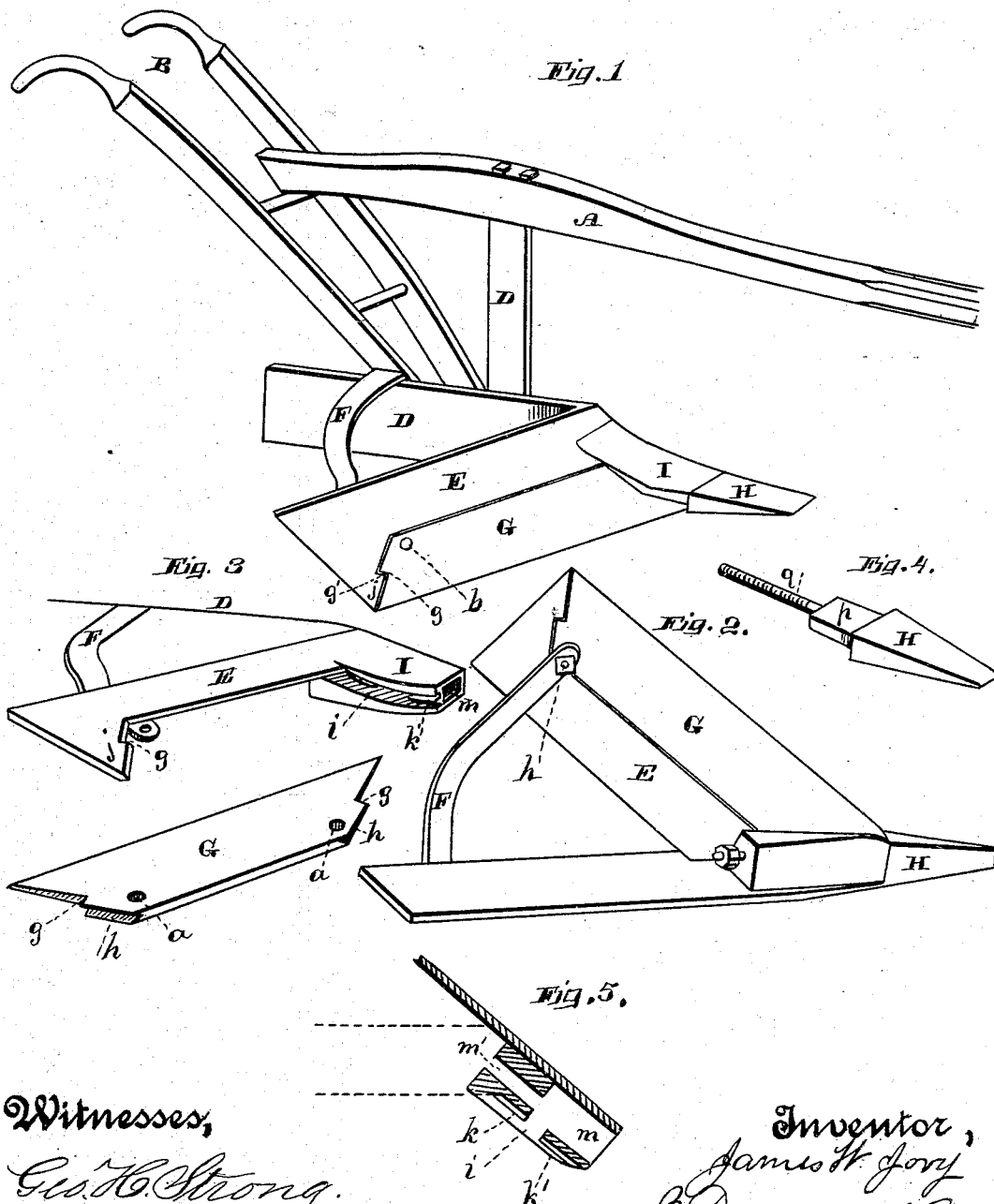
(No Model.)

J. W. JORY.

PLOW.

No. 263,789.

Patented Sept. 5, 1882.



Witnesses,  
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# UNITED STATES PATENT OFFICE.

JAMES W. JORY, OF MARYSVILLE, CALIFORNIA.

## PLOW.

SPECIFICATION forming part of Letters Patent No. 263,789, dated September 5, 1882.

Application filed June 12, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES W. JORY, of Marysville, county of Yuba, State of California, have invented an Improved Plow; and I hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to the class of plows, and to certain improvements therein, consisting in the construction of the share, whereby it is adapted to receive a peculiar reversible point, as will be hereinafter fully seen.

The object of my invention is to provide a plowshare the cutting-edges of which can be easily removed and reversed when worn, and which, when in place, will be held firmly.

Referring to the accompanying drawings, Figure 1 is a perspective view. Fig. 2 is a view of the under side of the share. Fig. 3 shows the cutting-blade separated from the share. Fig. 4 is a view of the point. Fig. 5 is a longitudinal section of the box I.

A is the plow-beam, B are the handles, and C the standard, of any ordinary plow-frame.

D is the landside, and E the share, the two being joined at their rear ends by the cross-brace F. The share E is set at an angle and converges to the front end of the landside, which at the point slopes downwardly, as shown.

To the front of the share and to the side of the landside is secured a piece or block, I, of about the width of the former and the depth of the latter, its top sloping down toward the point. In the side of this piece is formed a groove, *i*, and in its front is a rectangular socket, *m*, extending about half-way through. A hole, *m'*, extends beyond through the piece.

G is the cutting-blade of the share. This is made with sloping ends provided with shoulders *g*, as shown, and with a beveled groove, *h*.

The rear end of the share is made with a point, *j*, which has a beveled edge, and is provided with a shoulder, *g'*.

In the groove *i* is made a beveled bottom, *k*, and another one, *k'*, separated, as shown.

The cutting-blade G is fitted to the share, its beveled grooves fitting the beveled edges of the point *j* and the groove bottoms *k k'*, and its shoulders *g*, one fitting against shoul-

der *g'* of the point *j* and the other fitting against the beveled piece *k'* in the space between the two pieces *k* and *k'*.

The cutting-blade G is provided with holes *a* at its ends, through one of which a bolt, *b*, passes, securing it to the cross-brace.

The cutting edge or blade G may be reversed end for end, and will fit to its position firmly. The bolt *b* secures its back end, and its front end is held to its place by the point H. This point is a double inclined plane, which may be reversed. It is provided with a tenon, *p*, and a shank, *q*, the end of which has screw-threads upon it. The tenon *p* fits into the socket of the piece I, and the shank extends through the hole and receives a nut upon its end, whereby the point is held securely to its place. When in position the end or shoulder of the tenon *p* fits against the shoulder *g* of the cutting-blade and secures it. By taking out the point it may be reversed when necessary; likewise with the cutting-blade.

This construction affords security for the parts, and it may be adapted to fit almost any kind of plow, either single or gang.

I am fully aware that no essential element in my plow is new, and hence I confine myself to my particular construction as described.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a plow, the landside D, share E, with its point *j*, having a beveled edge and shoulder *g'*, and its front piece, I, with its side groove, *i*, having beveled bottoms *k k'*, its socket or mortise *m*, and hole *m'*, the reversible cutting blade or edge G, with its sloping ends, having shoulders *g*, and beveled grooves *h* to fit the beveled edges and shoulders of the share E and front pieces, I, and having bolt-holes *a*, as shown, and the reversible point H, with its tenon *p* and shank *q*, all arranged, fitted, and constructed substantially as and for the purpose herein set forth.

In witness whereof I hereunto set my hand.

JAMES W. JORY.

Witnesses:

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