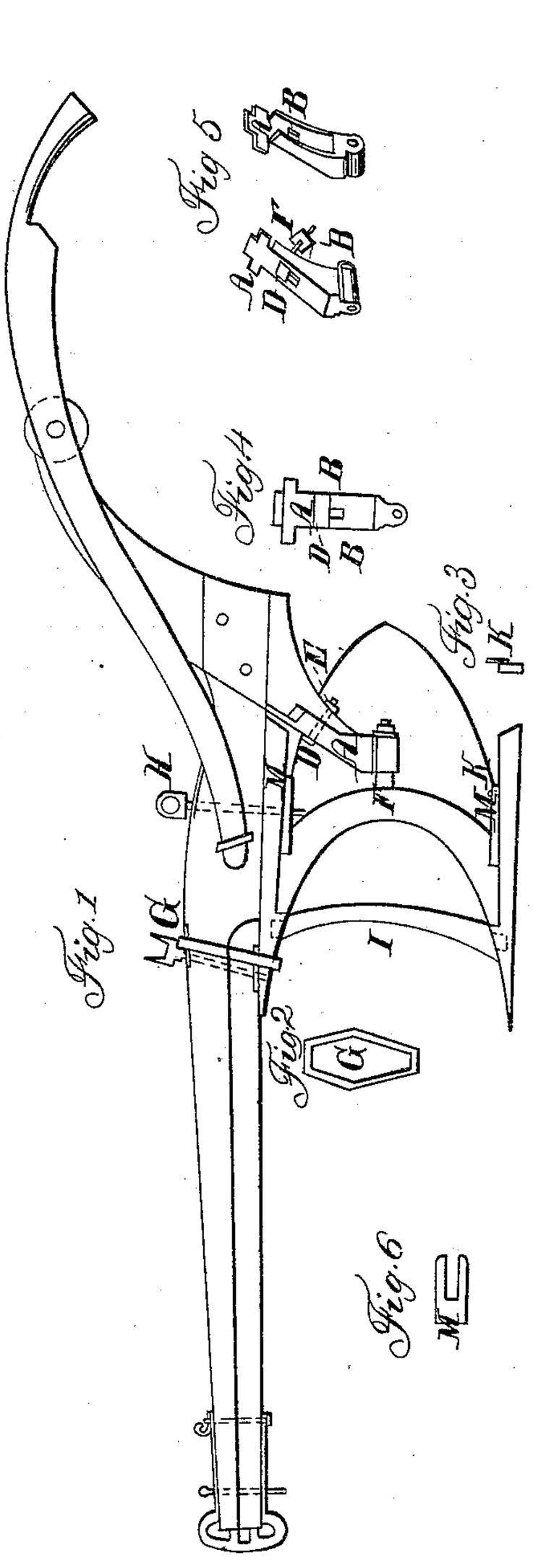
J. W. JORDAN.

Side-Hill Plow.

No. 1,128. Patented Apr 19, 1839.



UNITED STATES PATENT OFFICE.

JNO. W. JORDAN, OF LEXINGTON, VIRGINIA.

IMPROVEMENT IN INVERTING SIDE-HILL AND HORIZONTAL PLOWS.

Specification forming part of Letters Patent No. **1,128**, dated April 19, 1839.

To all whom it may concern:

Be it known that I, JOHN W. JORDAN, of near Lexington, in the county of Rockbridge and State of Virginia, have invented a new and useful Improvement on my Inverting Hill-side and Horizontal Plow patented on the 28th day of October, 1835, which improvement is described as follows, reference being had to the annexed drawings of the same, making part of this specification.

Figure 1 is a side view of the plow; Fig. 2, front of the band; Fig. 3, sections of the land-bar, showing the stop fastened on the side thereof; Fig. 4, front view of the slide; Fig. 5, perspective view of the slide; Fig. 6, one of the forked projections of the mold-board.

This improvement consists, first, in the construction, addition, and arrangement of a slide for setting the bottom of the plow against the under side of the beam as it wears; second, the construction, addition, and arrangement of a band and bolt for securing the mold-board and share to the beam; third, the construction of the colter and mode of securing it to the two shares; fourth, a stop, K, for preventing the working loose of the land-bar, fastened on the side of the land-bar and passing between the forked projections of the mold-board; fifth, in dispensing with certain parts of my original plow, which upon experiment are not found to be essential to its success—such as the rod K, tenon M, and key N, and several other parts.

The upper part of the slide A is made hollow to embrace the lower end of the sheth, over which it moves, having an oblong mortise or slot, B, in one side of this part of the slide for the purpose of allowing it to slide over the shank of a screw-bolt, D, passing through the sheth and secured by a nut, E, on the outside, the head of the bolt being on the outside of the slide and directly under the beam. The lower part of said slide (where the pivot F, projecting from the mold-board, passes through it) is made solid, except the perforation to admit said pivot and allow it to turn therein. As the bottom of each landside wears the slide must be raised so as to bring the landside snug against the under side of the beam, and then is secured by the nut and screw D E.

The band G is made of an hexagonal shape, or any other shape, according to that of the beam, over which it is slipped, and is made sufficiently large to embrace and hold securely the point of the land-bar. The screw-driver, which is passed through the beam on the side point of the land-bar, holds the polygonal band to its proper place.

The bolt H is constructed with a round eye in its upper end, and is passed through the beam and forked projection M on the mold-board for the purpose of holding the latter firmly to its proper place. The forked projection is a piece of metal having two prongs or sides fastened to the under side of the mold-board near the points thereof, between the prongs of which the bolt H passes after extending through the beam, and assists in holding the land-bar firmly to the under side of the beam.

The colter I is made in the shape of a crescent, with a tenon at each end to fit into corresponding mortises in the sides of the land-bars, toward each other in front, and close to the mold-board.

The stop, projection, or jog K, for preventing the land-bar from working loose, is fastened on the side of said land-bar, as shown in cross-section, Fig. 3, and it extends upward through the forked projection of the landside.

The invention claimed and desired to be secured by Letters Patent consists in—

The method of adjusting the height of the mold-board, &c., by means of the slide, as herein described, in combination with the mode of securing by means of the band and bolts and forks, substantially in the manner described.

JNO. W. JORDAN.

Witnesses:

JAMES COMPTON,

WM. W. DAVIS.