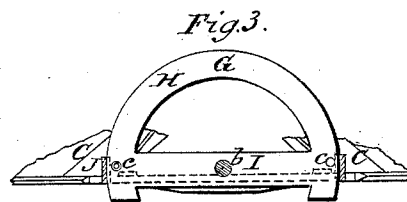
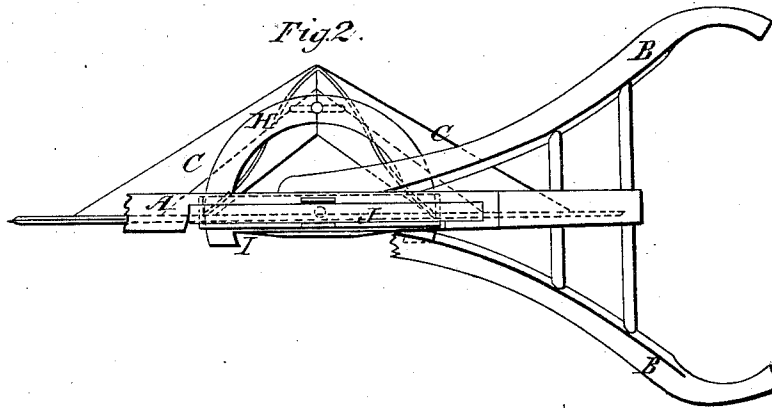
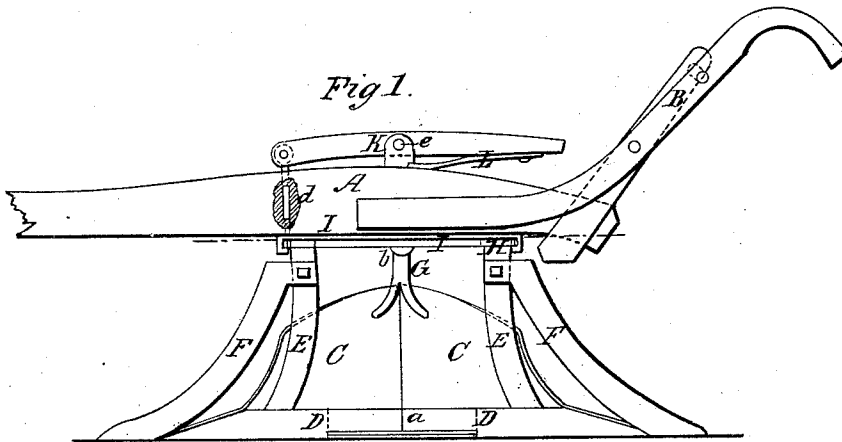


W. JONES.
Side-Hill Plow.

No. 36,999.

Patented Nov. 25, 1862.



Witnesses.
J. W. Combs.
Geo. Read.

Inventor.
Wm Jones.
per Munroe & Co.
Attys

UNITED STATES PATENT OFFICE.

WILLIAM JONES, OF WILSON, MINNESOTA.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **36,999**, dated November 25, 1862.

To all whom it may concern:

Be it known that I, WILLIAM JONES, of Wilson, in the county of Winona and State of Minnesota, have invented a new and improved Plow; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a side view of my invention; Fig. 2, a plan or top view of the same; Fig. 3, a horizontal section of the same, taken in the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts in the several figures.

To enable those skilled in the art to fully understand and construct my invention, I will proceed to describe it.

A represents a plow-beam, and B B handles attached thereto. The beam and handles may be constructed in the usual way, and therefore do not require a minute description.

C C represent two mold-boards, which are permanently connected back to back. Each mold-board is provided with a share, as usual, and also provided with a landside, D, the latter, like the mold-boards, being connected together at their back ends, as shown at *a* in Fig. 1. The landsides have each a standard, E, attached to them, of slightly curved form, and to each standard a colter, F, is secured, the lower ends of which are connected with the shares of the mold-boards. The back parts of the mold-boards have also a short standard, G, attached to them, the upper end of which, as well as the upper ends of the standards E E, are secured to a semicircular plate, H, which is shown clearly in Figs. 2 and 3. The plate H is connected near its ends by a straight bar or plate, I, as shown in Fig. 3, and this plate I is connected at its center to the under side of the beam A by

a pivot-bolt, *b*. The semicircular plate H is fitted within a guide-plate, J, attached to the under side of the beam A, said guide-plate being formed by bending or curving the ends of the plate J in hook form, so that they may fit or catch under the sides of the semicircular plate H, as shown clearly in Fig. 1.

Near each end of the semicircular plate H there is made a hole, *c*. These holes are at opposite sides of the pivot-bolt *b*, and at equal distances therefrom. These holes receive a pin, *d*, which is attached to the front end of a lever, K, on the upper surface of the beam A, said lever having a spring, L, attached to its back end behind its fulcrum-pin *e*, which spring has a tendency to keep the pin *d* in the front hole *c* of the plate H, as will be fully understood by referring to Fig. 1. The pin *d* prevents the mold-boards from turning, keeping them in a proper working position when at either side of the beam A.

It will be seen that by depressing the back part of the lever K, and thereby raising the pin *d* clear from the plate H, the latter may be turned, and consequently the mold-boards C C, to either side of the beam A, and a right or left hand plow obtained, as occasion may require.

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

The combination of the mold-boards C C, shares F F, landsides D D, and standards E E G, with the plate H, guide-plate J, lever K, and beam A, all in the manner herein shown and described.

WM. JONES.

Witnesses:

JOHN F. HOLTZMAN,
WM. H. DILL.