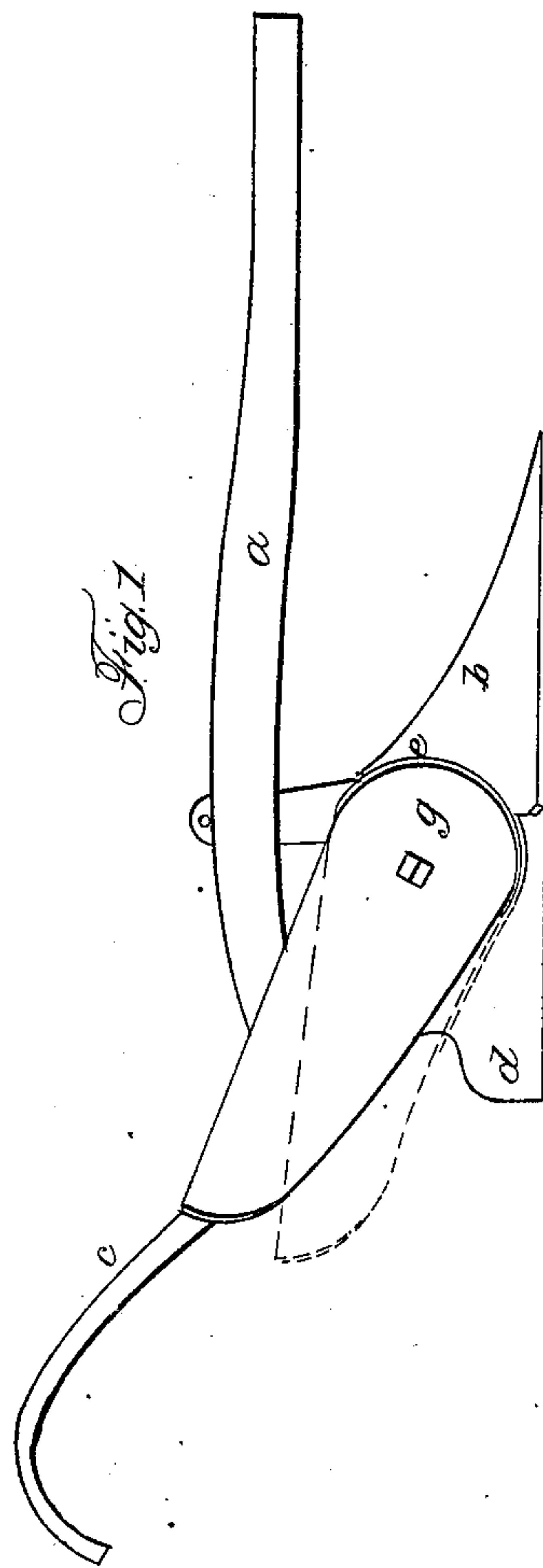
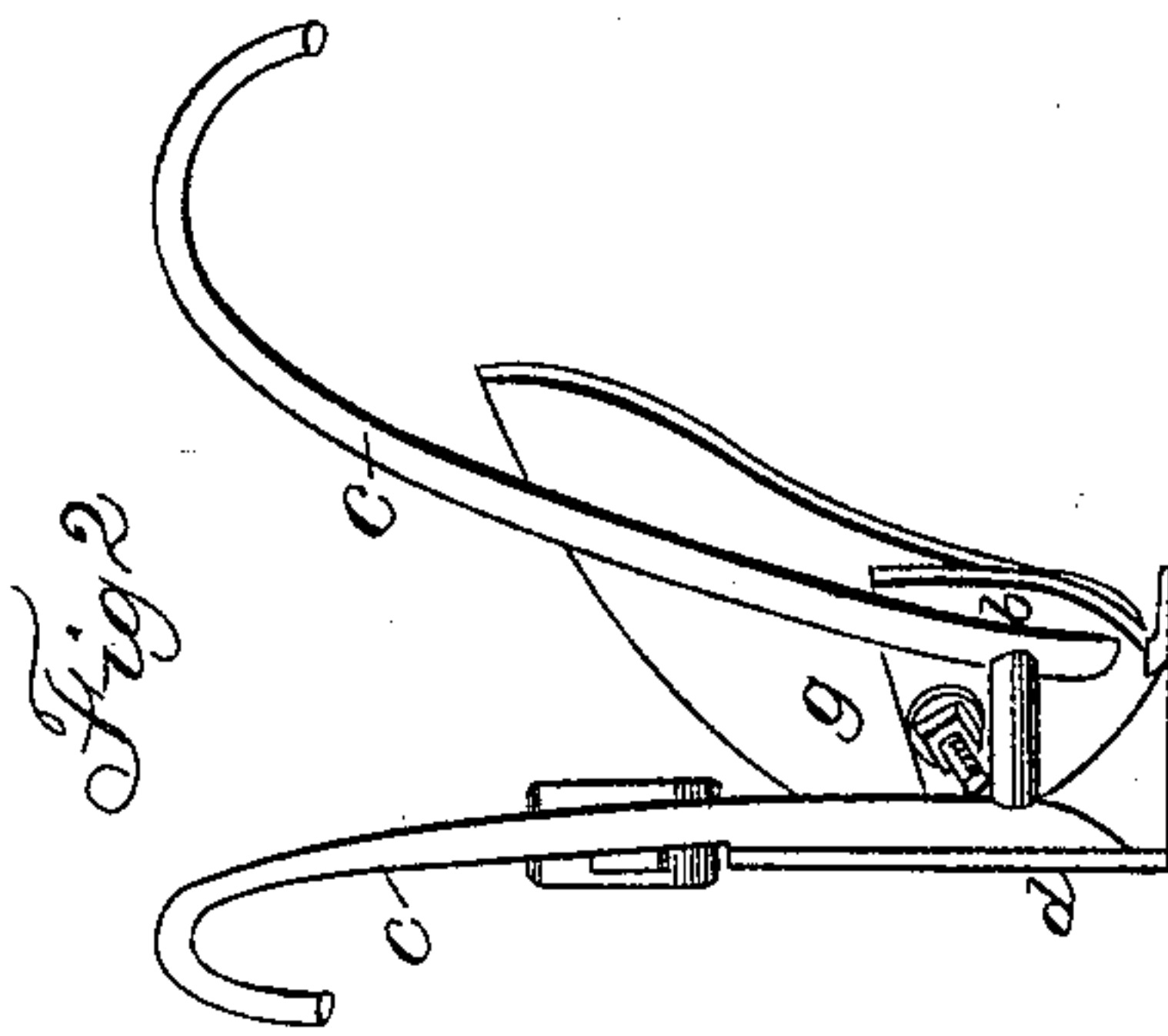


S. J. OLMSTED.

Plow.

No. 44,215.

Patented Sept. 13, 1864.



Witnesses.

W. C. Lambright
T. Smith

Inventor.

S. J. Olmsted
by Wm. H. D. Everett

UNITED STATES PATENT OFFICE.

S. J. OLMSTED, OF BINGHAMTON, NEW YORK.

PLOW.

Specification forming part of Letters Patent No. **44,215**, dated September 13, 1864.

To all whom it may concern:

Be it known that I, S. J. OLMSTED, of Binghamton, in the county of Broome and State of New York, have invented a certain new and useful Improvement in Plows; 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, and to the letters and marks thereon.

My improvement has for its object so constructing the mold-board of the plow as that it may be used to turn a wider or narrower furrow, and this construction I produce by making the mold-board movable or adjustable.

The drawings forming part of this specification represent a plow with my improvement attached thereto and forming a part thereof, Figure 1 being a side view on the mold-board side of the plow, and Fig. 2 being an end view, showing the interior surface of the mold-board.

In each of these figures, where like parts are shown, like letters and marks are used to indicate the parts.

The draft-beam *a*, share *b*, handles *c*, and landside *d* of this plow do not vary from like parts of many plows, except so far as the curved line *e* may be regarded as a variation in the form of the rear part of the share, if this curved line be made of the share; but if made a part of the front section of the board, then the variation would more particularly apply to the board.

Upon a plate extending backward from the front section of the plow, as is shown by Fig. 2, *f*, the front part of the mold-board *g* is so

attached by a bolt and nut, or by some other suitable means or devices, as that it may be turned up or down, the one position being shown in black lines and the other position in red lines in Fig. 1, and thus the action of the mold-board may be regulated so as to make the plow turn a wider or narrower furrow.

Suitable means may be added to the mold-board, if necessary, to hold the board in its adjusted position, such means being connected to the handle or beam of the plow. Instead of using the bolt and nut to hold the board to the front section-piece, as is evident other means may be used, and the bolt may be fitted in a slot instead of a hole, so that still further adjustment of the board may be had.

This improvement may be made of any of the material and in any manner in which or of which it is common to make plows.

The practical advantages of the improvement are so readily seen and so readily occur to the mind of every person interested in such matters that it is not necessary to dwell upon them.

What I claim as my invention, and desire to secure by Letters Patent, is—

Constructing plows with movable or adjustable mold-board, moving up or down, substantially as herein set forth.

This specification signed this 20th day of May, 1864.

S. J. OLMSTED.

Witnesses:

A. C. GALE,
JAS. A. WEED.