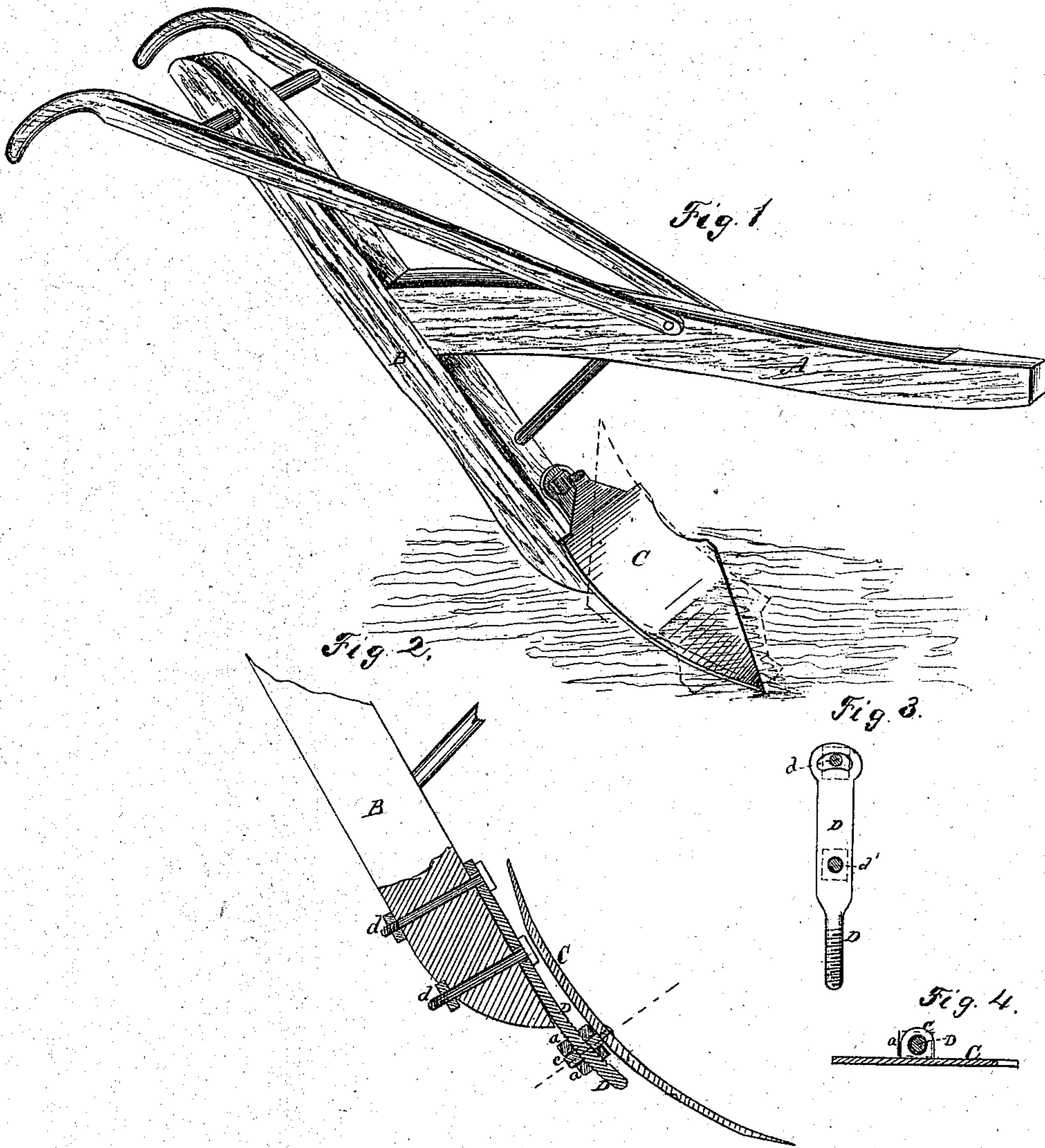


C. SNYDER.  
PLOW.

No. 107,828.

Patented Sept. 27, 1870.



Witnesses  
A. Ruppert.  
C. H. Clausen

Inventor  
Cyrus Snyder  
per Edson P. M.  
Atty



# United States Patent Office.

CYRUS SNYDER, OF MIDDLETOWN, ILLINOIS.

Letters Patent No. 107,828, dated September 27, 1870.

## IMPROVEMENT IN PLOWS.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern:*

Be it known that I, CYRUS SNYDER, of Middletown, of the county of Logan and State of Illinois, have invented a new and improved Plow; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

### *Drawing.*

Figure 1 is a perspective view of my improved plow.

Figure 2 is a central vertical elevation.

Figure 3 is an elevation of the bar to which the shovel is attached.

Figure 4 is a transverse section in the line *xx* of fig. 2.

Similar letters of reference denote like parts in each of the figures.

This invention relates to shovel-plows, for cultivating corn, potatoes, &c.; and

It consists in the construction, combination, and arrangement of the parts composing the same, as will be hereinafter more fully designated and set forth in specification and claim which follow.

To enable others skilled in the art to which my invention relates to make and use the same, I will proceed to describe its construction and operation.

In the drawing—

A represents the beam of plow;

B, the plow-stock; and

C, the shovel.

D is a rod or shaft, which is secured to the plow-stock by bolts *d d*, or in any other suitable manner.

This rod D extends below the plow-stock, as shown in fig. 2, its lower end having a threaded surface.

The shovel C has a lug, *c*, through which the rod D is passed, when it is secured by screw-nuts *a a* on either side of the lug *c*. By this arrangement it will be seen that the shovel can be raised or lowered by turning the screws *a a*, or it may be done and the set of it changed by bending the rod D, which should be made of some malleable metal.

The upper end of rod D has a slot, as shown in fig. 3, through which passes the bolt *d*, thus allowing the rod to swing to the right or left upon its pivoted point *d*, and thus change the position of the shovel.

The shovel can be taken off and reversed, as indicated in dotted lines in fig. 1, if desired.

Its simplicity, and capability of being adjusted to all the positions described, must commend it to the judicious farmer.

Having thus described my invention,

What I claim, and desire to secure by Letters Patent of the United States, is—

The combination of the shovel C C, slotted rod D, nuts *a a*, and bolts *d d*, substantially as and for the purpose specified.

In testimony whereof, I have hereunto signed my name to this specification in the presence of two attesting witnesses at Lincoln, in the county of Logan and State of Illinois, this 7th day of July, A. D. 1870.

CYRUS SNYDER.

Witnesses:

WILLIAM TOOMEY,

T. A. HANES.