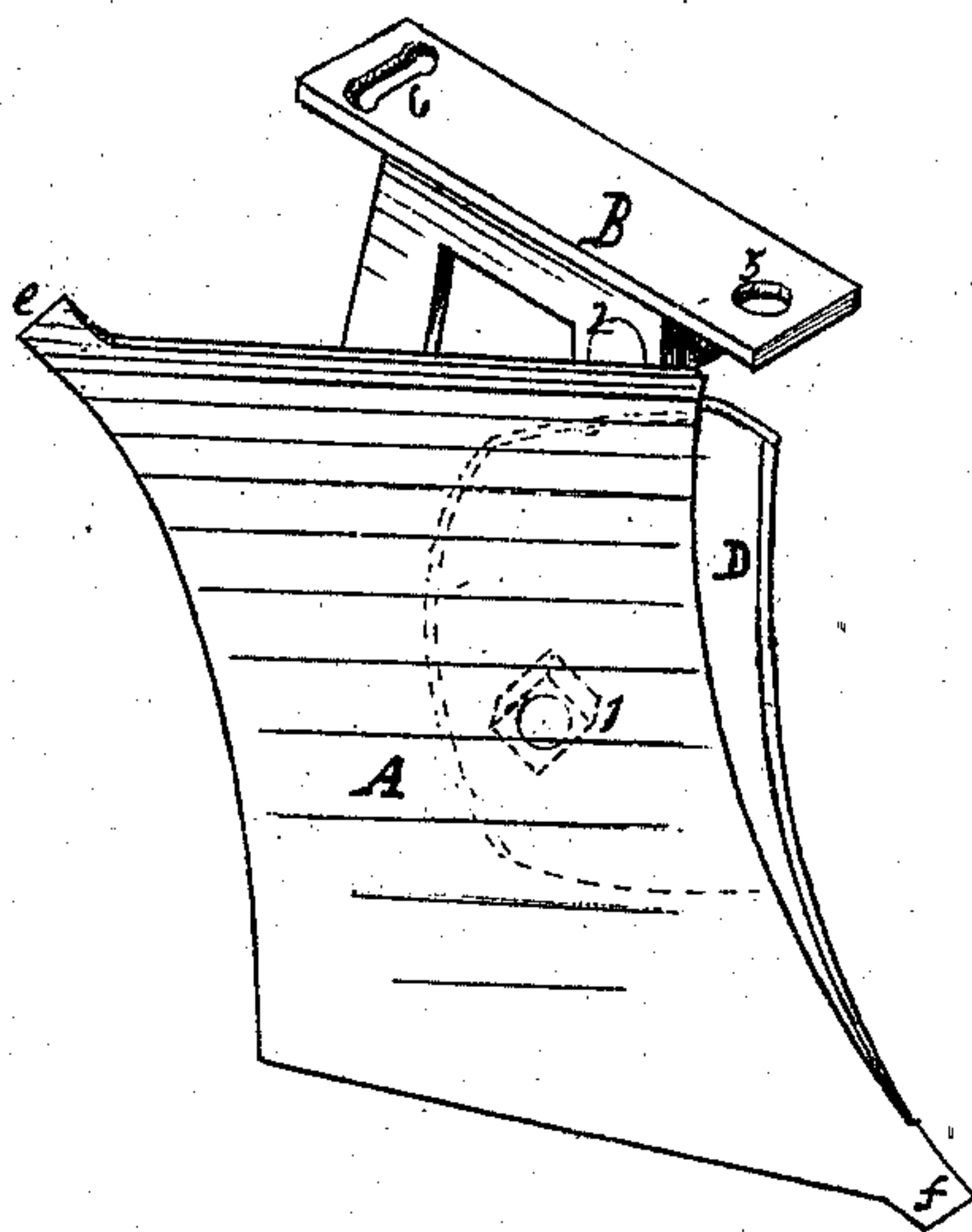


*A. Wright,  
Plow.*

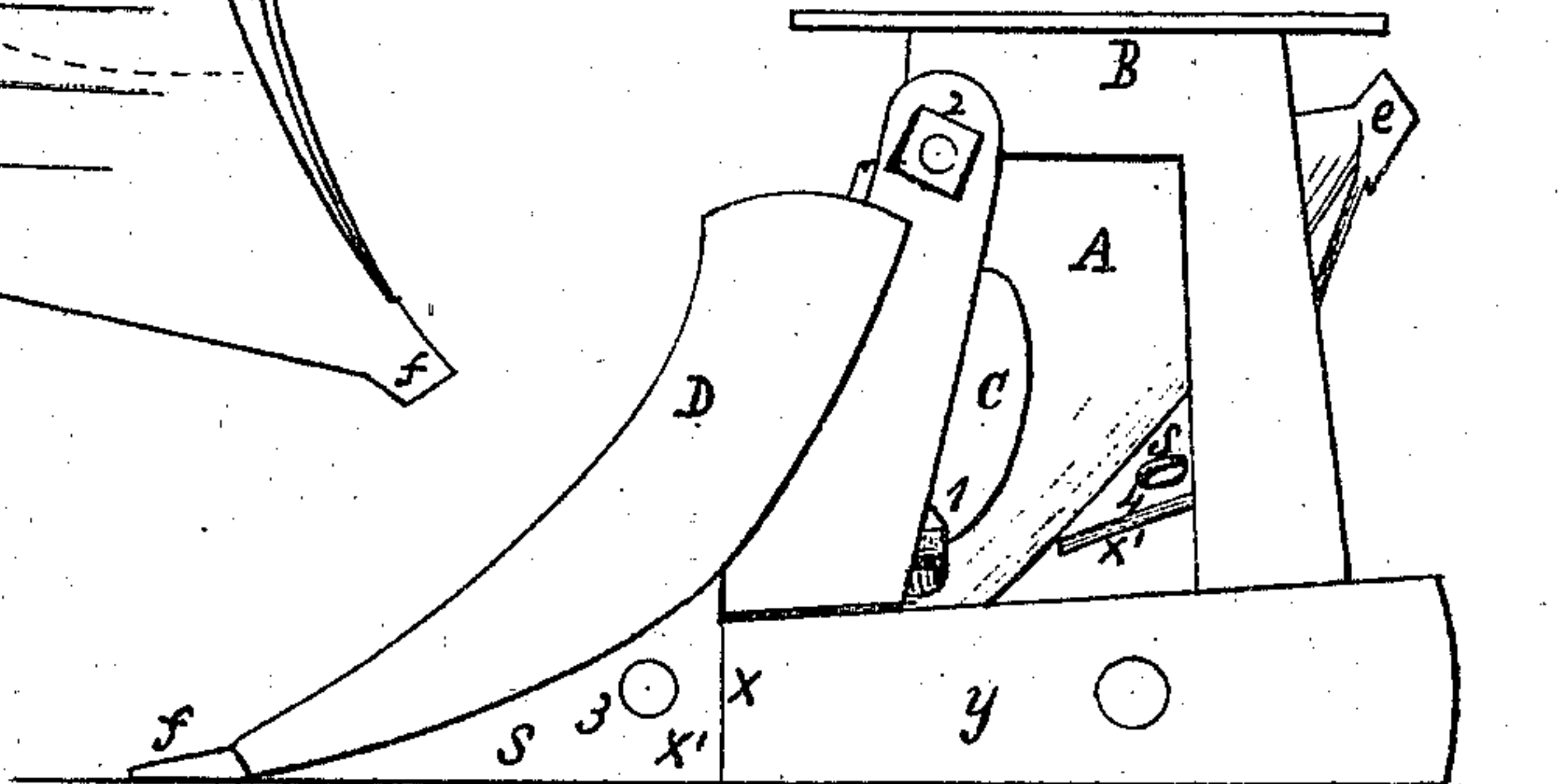
*No. 97,746.*

*Patented Dec. 7. 1869.*

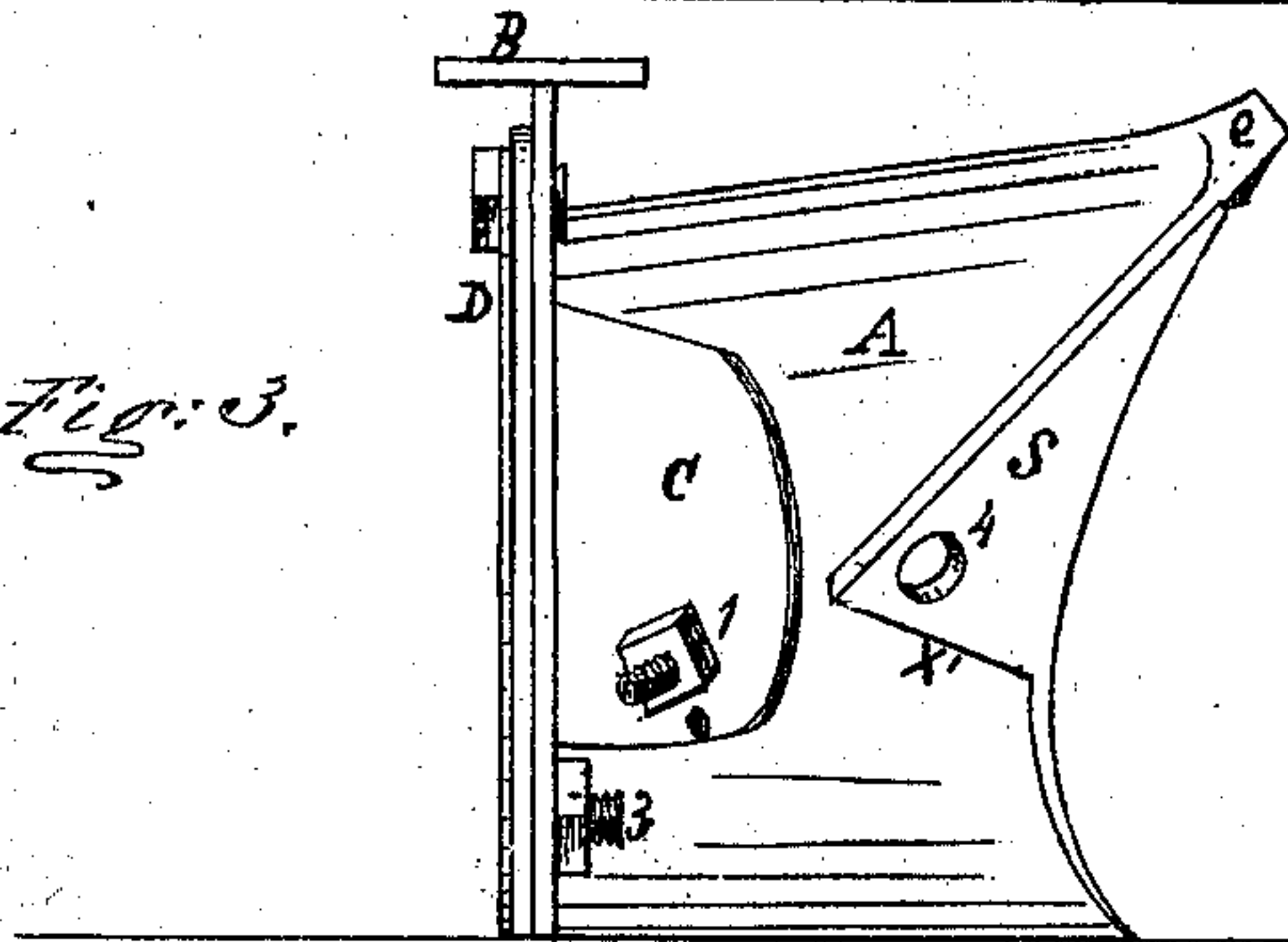
*Fig: 1*



*Fig: 2.*



*Fig: 3.*



*Attest* { *J. H. Phillips*  
*D. P. Cowl*

*Inventor*  
*Alexander Wright*  
*By his attorney*  
*L. L. Johnson*

# UNITED STATES PATENT OFFICE.

ALEXANDER WRIGHT, OF ALLEGHENY CITY, PENNSYLVANIA.

## IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 97,746, dated December 7, 1869.

*To all whom it may concern:*

Be it known that I, ALEXANDER WRIGHT, of the city and county of Allegheny, and State of Pennsylvania, have invented certain new and useful Improvements in Plows; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in providing a reversible mold board of a plow with two lugs, one lug near each plowshare-point, for the purpose of strength and stiffness to the mold-board, and forming a point of attachment for the point of the landside.

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

In the accompanying drawings, which form part of my specification, Figure 1 is a perspective view of my improvement in plows. Fig. 2 is a side elevation of the same. Fig. 3 is a back end view of the same.

The several parts of my improvement in plows may be made of cast-iron, wrought-iron, or steel, and the beam and handles may be made of wood or iron, and of any of the known forms suitable for plows of the form represented in the accompanying drawings, in which—

A represents the mold-board, which is provided with two plowshare-points, *e* and *f*, which are so arranged with relation to the outline and curvature of the mold A that it can be reversed on its bed or standard B, so as to bring either the point *e* or *f* into operation. The mold-board A is provided with two parts, S, which project backward from the face of the

mold-board, as shown in Figs. 2 and 3. The shoulder *x'* of the part S is fitted to the shoulder *x* of the landside *y*. The part marked C of the standard B is used as a bed for the back of the mold-board A, and the mold-board is held in position on the bed C by means of the bolts 1 and 3. The opening 4 in part S of the mold-board A is used for the bolt 3, which is for securing this part of the mold-board to the lower part of the standard B.

To the standard B is secured, by means of a bolt, 2, a cutter, D, the lower end of which is fitted into a recess made in the points *e* and *f*.

The openings 5 and 6 in the top of the standard B are used for the purpose of securing it to the beam of the plow.

The mold-board A may be so turned or reversed as to bring the point *e* into operation, which will cause the point *f* to occupy the position of the point *e*, as shown in the accompanying drawings, by simply removing the bolts 1 and 3, and then again securing the mold-board in the desired position by the same bolts.

The advantage of constructing a plow as herein described will be apparent to manufacturers of plows and to farmers.

Having thus described my invention, what I claim as new is—

Providing the mold-board A with lugs S and combining it with the cutter D, substantially as herein described.

ALEXANDER WRIGHT.

Witnesses:

J. J. JOHNSTON,  
J. H. PHILLIPS.