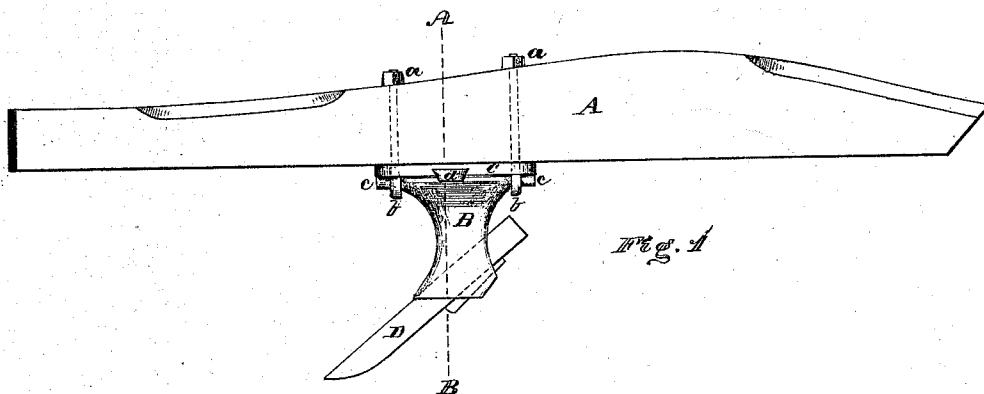


*E. G. Matthews,*

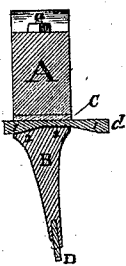
*Flow Counter.*

*No. 103215.*

*Patented May 17, 1870.*



*Fig. 1*



*Fig. 2*

*Witnesses*

*Thos. W. Dodge*  
*Albert C. Seavey*

*Inventor*

*E. G. Matthews*

# United States Patent Office.

ELBRIDGE G. MATTHEWS, OF OAKHAM, MASSACHUSETTS.

Letters Patent No. 103,215, dated May 17, 1870.

## IMPROVEMENT IN CUTTER-STOCK FOR SWIVEL-PLOWS.

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

Know all men by these presents:

That I, ELBRIDGE G. MATTHEWS, of Oakham, in the county of Worcester and Commonwealth of Massachusetts, have invented certain new and useful Improvements in Cutter-stock for Swivel-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 forming a part of this specification, in which—

Figure 1 represents a side view of my improved swivel cutter-stock, and the plow-beam to which it is attached, and

Figure 2 represents a transverse vertical section on line A B, fig. 1.

To enable those skilled in the art to which my invention belongs to make and use the same, I will proceed to describe it more in detail.

The nature of my invention consists—

First, in a hinged or swinging cutter-stock, as hereafter explained.

Second, in the combination with a hinged or swinging cutter-stock, of a device for adjusting the cutter-stock from right to left, and *vice versa*, as hereafter explained.

In the drawings A represents the plow-beam to which is attached the cutter-stock B, by means of the eye-bolts *a a*, the eyes *b b*, of which serve as bearings *c c*, of the cutter-stock B. To the under side of the beam A is fitted a holding-plate C, and which plate is held in place by dowel-pins, which enter holes in the under side of the plow-beam A, and by the eye-bolts *a a*, which pass through the ends of said plate, as fully indicated in fig. 1 of the drawings.

In the lower side of the holding-plate, is formed a dovetail-groove, for the reception of an adjusting and holding-wedge *d*.

The lower side of the wedge *d* is made with a double bevel, which inclines towards its central part, thereby forming two inclined planes or wedges 1 1, one at each end, to fit bevels 2 2, formed on the upper side of the cutter-stock, as fully indicated in the drawings fig. 2.

I do not confine myself to any particular mode of adjusting the hinged cutter-stock B, as various devices may be employed for that purpose.

It is very desirable to have a movable cutter on a swivel-plow, so that it can be adjusted to cut in line with the land-side, or standard, when turning or plowing either right or left-hand furrows, and which necessitates the movement of the cutter, from side to side, from one to three inches, according to the difference in construction of the plows.

From the foregoing description it will be seen that this adjustment can be obtained very readily by my invention, since the cutter-stock B and cutter D, can be swung from right to left and *vice versa*, by the simple movement of the wedge *d*, from side to side, and it is at the same time held firmly in such adjusted position by the action of said wedge.

Having described my improved cutter-stock for swivel-plows,

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

1. The cutter-stock B for supporting the sward-cutter of a plow, when hinged to the plow-beam, substantially as and for the purposes stated.

2. The combination with a hinged, or swinging cutter-stock, of the wedge *d* or equivalent device for adjusting the same from right to left, or *vice versa*.

E. G. MATTHEWS.

Witnesses:

THOS. H. DODGE,  
ALBERT E. PEIROE.

Assignor to C. F. Holbrook of Dorchester, Mass.