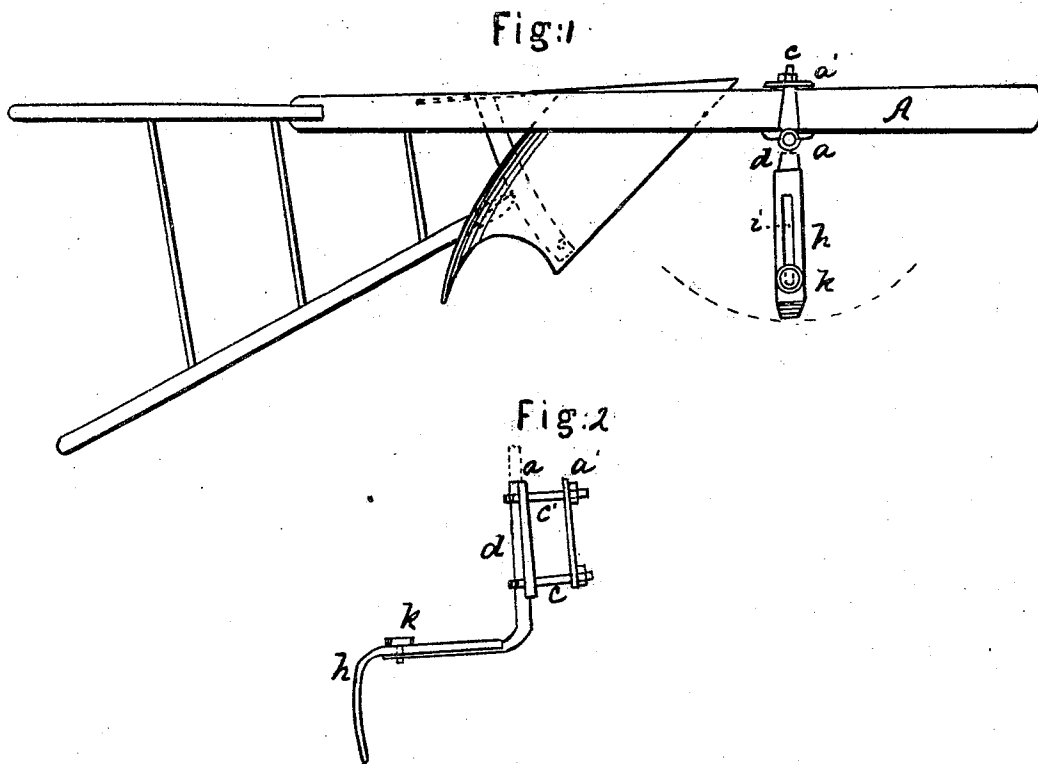


G. W. Russell

Plow

N^o 92371.

Patented Jul. 6. 1869.



Witnesses:

L. F. Miller
W. H. Burson.

Inventor:

George W. Russell

UNITED STATES PATENT OFFICE.

GEORGE W. RUSSELL, OF ROCKFORD, ILLINOIS.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 92,371, dated July 6, 1869.

To all whom it may concern:

Be it known that I, GEORGE W. RUSSELL, of Rockford, county of Winnebago, and State of Illinois, have invented a new and useful Improvement in Plows; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, forming part of this specification, and to the letters of reference marked thereon.

In the drawings, Figure 1 shows a top view of the plow with my improvement attached. Fig. 2 shows my improvement detached from the plow.

My invention consists in placing an attachment to the common plow, whereby stubble, weeds, cornstalks, and other rubbish are neatly folded under the furrow in plowing; and it consists in certain combinations of devices, hereinafter to be set forth.

In the drawings, A is the plow-beam, to which the stubble-folder *d h* is secured by the eye bolts *c c'* passing through the plates *a a'*, which clasp the beam. The plate *a* has a concave recess, in which the stem or shank *d* is secured by the bolts *c c'*. The bent piece *h* is secured to the stem-piece *d* by the bolt *k*.

In operation the devices are secured to the plow-beam A, and may be used on beams of different sizes, as the eyebolts *c c'* should have a distance between them equal to the largest beam on which the attachment is to be made. The plates *a a'* may be moved either forward

or backward on the beam to accommodate the different kinds of labor which is to be performed. The hook-piece *h* may be extended or contracted by means of the slot *i* and bolt *k*, and may be swung forward or backward by loosening the bolts *c c'* and placing it in the position desired, and in the same manner may be raised and lowered by moving the stem *d* up or down in the eyebolts and then screwing the bolts tightly down to hold it in the position desired. These different adjustments are made to meet the requirements of actual operation, because the folder *h* must be raised when the plow is set to run deeper, and in plowing cornstalks or long weeds it should be farther forward than when plowing short weeds or stubble, in which case it should be back near the furrow. It will be readily seen that all these requirements are met by the different adjustments heretofore described.

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

1. A stubble-folding attachment to a plow, composed of the parts *d, h*, and *k*, in combination with the bolts *c c'* and plates *a a'*, the whole constructed and operating substantially as and for the purpose set forth.

2. Constructing the parts *a, d*, and *h* as herein described, and for the purpose specified.

GEORGE W. RUSSELL.

Witnesses:

C. F. MILLER,
W. W. BURSON.