C. R. CONWAY.

SULKY-PLOW.

No. 185,729. Patented Dec. 26, 1876.

Fig. 1

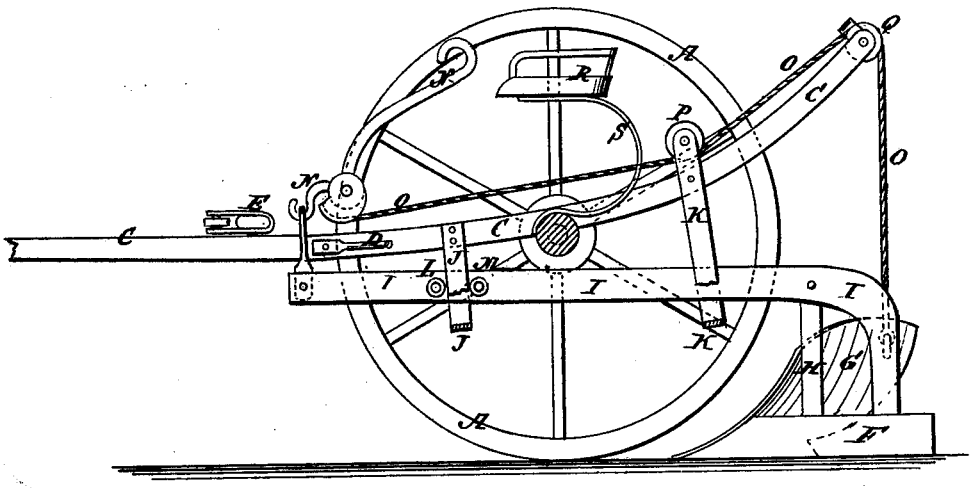
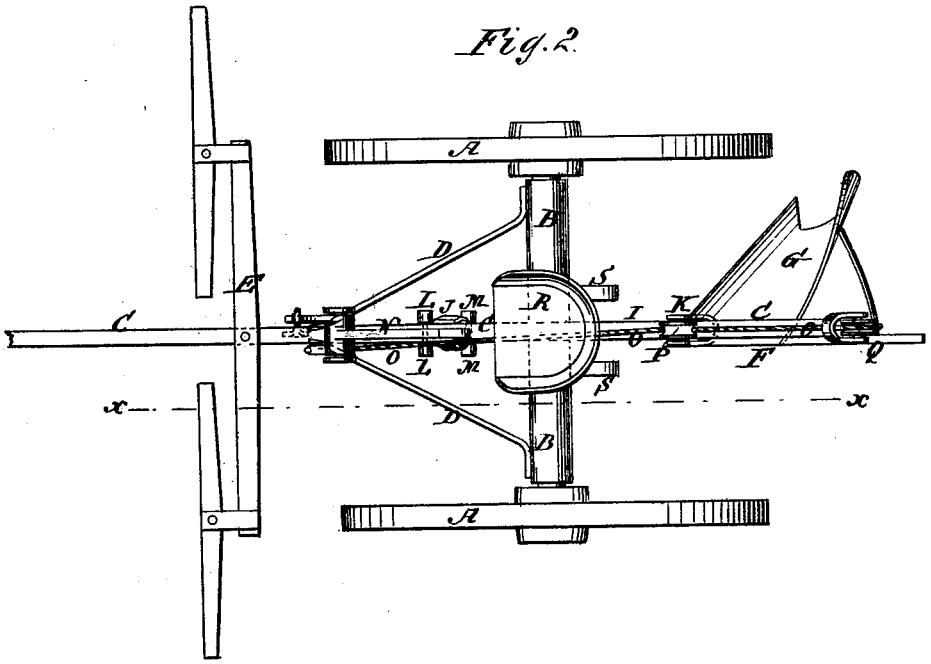


Fig. 2



WITNESSES:

C. Wolff

J. H. Scarborough

INVENTOR:

C. R. Conway

BY Munn & Co.

ATTORNEYS.

UNITED STATES PATENT OFFICE.

CHARLES REED CONWAY, OF MIDWAY, WISCONSIN, ASSIGNOR TO JANE ELIZA CONWAY, OF SAME PLACE.

IMPROVEMENT IN SULKY-PLOWS.

Specification forming part of Letters Patent No. **185,729**, dated December 26, 1876; application filed October 23, 1876.

To all whom it may concern:

Be it known that I, CHARLES REED CONWAY, of Midway, in the county of La Crosse and State of Wisconsin, have invented a new and useful Improvement in Sulky-Plow, of which the following is a specification:

Figure 1 is a vertical longitudinal section of my improved sulky-plow, taken through the line *x x*, Fig. 2. Fig. 2 is a top view of the same.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved sulky-plow of that class in which the draft is applied to the sulky, instead of being applied directly to the plow-beam, and which shall be simple in construction, effective in operation, and convenient in use, being readily adjusted to work at any desired depth in the ground, and easily raised from the ground.

The invention will first be described in connection with the drawing, and then pointed out in the claim.

A are the wheels, which are made large, and revolve upon the journals of the axle B. To the middle part of the axle B is attached the tongue C, which is strengthened by the braces or hounds D, and to which is attached the double-tree E. F is the land-side, G is the mold-board, H is the standard, and I is the beam of the plow, about the construction of which there is nothing new, except that the standard H is made higher than usual, so that the plow may not be liable to clog with rubbish. The plow-beam I passes through slots in the hangers J K, attached to the tongue C in front and rear of the axle B, to keep the plow in line, and enable it to be guided by the sulky. The draft-strain upon the plow is supported by the pin L, that passes through the beam I in front of the forward hanger J, and the sulky is kept from moving back upon the beam I by a pin, M, passed through the said beam I in the rear of the said hanger J. Rollers are placed upon the pins L M, to bear against the hanger J, to diminish the friction as the plow-beam I moves up and down within the slot of the said hanger J. With the forward end of the plow-beam I is connected the end of the lever N, which is pivoted to a support attached to the tongue C, so that by operating the said lever N the forward end of the plow-beam may be lowered and raised to adjust the plow to work deeper or shallower in the ground, as may be required. To an arm or cam formed upon or attached to the lever N is attached the end of a cord or chain, O, which passes around a pulley, P, pivoted to the end of the hanger K, that projects above the tongue C, or to other support attached to said tongue, over a pulley, Q, pivoted to the rear end of the tongue C, and its end is attached to the plow F G H, so that by operating the lever N the plow may be raised from the ground. If desired, the rear and forward ends of the plow may be raised from the ground by separate levers. R is the driver's seat, the standards S of which are attached to the axle B. The part of the tongue C that projects in the rear of the axle B is curved upward, as shown in Fig. 1, so that it may be out of the way of the plow when being raised from the ground.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination, with the front cam-lever N, connected by cord O with the rear of plow-beam, of a tongue, C, passing beyond the axle, and there curving upwardly, hangers J K, and pulleys P Q, all arranged as shown and described, for the purpose specified.

CHARLES REED CONWAY.

Witnesses:
E. M. COCKMAN,
JOHN J. STOEN.