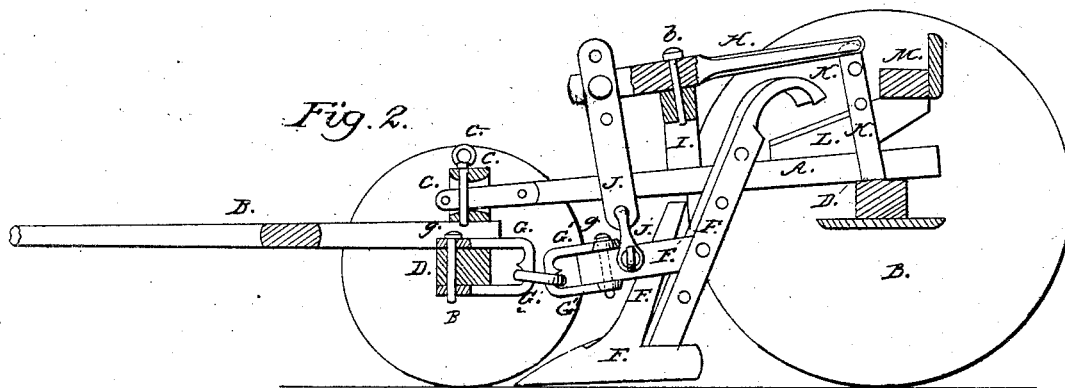
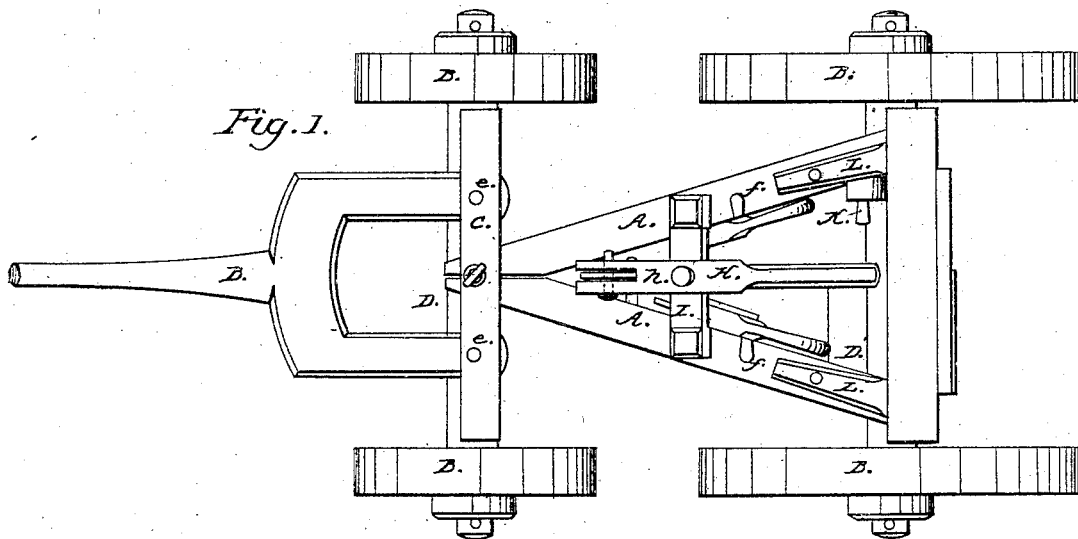


### Wheel-Plow.

Patented Nov. 8, 1864.



Witnesses:  
C. D. Smith  
Delmar's Knight

*Inventor:*

J. Price.  
By Sherrill  
Attorney.

# UNITED STATES PATENT OFFICE.

JABISH PIERCE, OF WYANET, ILLINOIS.

## PLOWING-MACHINE.

Specification forming part of Letters Patent No. 44,969, dated November 8, 1864.

*To all whom it may concern:*

Be it known that I, JABISH PIERCE, of Wyanet, in the county of Bureau and State of Illinois, have invented a new and Improved Machine for Plowing; and I do hereby declare the following to be a full and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a plan of my improved machine, and Fig. 2 is a vertical longitudinal section of the same.

Similar letters of reference indicate corresponding parts in the several figures.

The object of this invention is to provide means whereby weak or infirm persons are enabled to cultivate the soil in an effective manner without being subjected to the fatigue which results from the management of the ordinary plows; and to this end the invention relates to a novel method of employing a common plow in connection with a wagon-frame, having a seat for the attendant within suitable proximity to the devices by which the necessary movements are imparted to the plow.

In order that others skilled in the art to which my invention appertains may be enabled to fully understand and use the same, I will proceed to describe its construction and operation.

In the accompanying drawings, A A represent a converging frame, which is mounted upon four wheels, B, said frame being attached at its front end by an eyebolt, *c*, to a bar, C, firmly secured upon the axle D. In order to form a more secure attachment and at the same time allow the front part of the machine to readily turn, the bar C is provided with an opening, *c'*, through which the forward end of the frame A passes, as shown in Fig. 2. At its rear end the frame A rests upon the axle D', to which it may be made fast in any suitable manner. E represents the tongue, the bifurcated end of which is held or secured between the bar C and axle D by bolts *e e*.

F F' represent the various parts of a plow, which, being of common construction, need no specific description. This plow is placed

between the hounds A A in the manner shown, and it is connected to the forward axle, D, by means of clevises G G', which are securely attached respectively to the plow-beam F' and the axle D by pins *g g* and coupled together by the clevis-ring G<sup>2</sup>. The plow, being thus applied to the machine, is supported in proper position by pins or projections *f f*.

H is a lever fulcrumed upon a frame, I, by means of a bolt, *h*, upon which the lever may be freely turned. This lever is connected to the plow by means of an adjustable link, J, and clevis J', and it may be retained in a depressed condition by a pin, J<sup>2</sup>, projecting inward from the vertical piece K, which rests upon the axle D'.

L L represent supports, which are joined to the hounds A and project divergently therefrom in a backward direction, so as to give the proper elevation to a seat, M, mounted upon their rear ends. This seat is so located that when the driver occupies the same he may, without changing his normal sitting position, readily reach the lever H and plow-handles F.

As a general thing the plow will need no particular attention from the attendant while the machine is in operation; but when it becomes necessary to impart any independent movement to the plow this may be done with little exertion by means of the lever H, by turning which the plow may be moved laterally to avoid obstructions, or elevated when it is desired to suspend the work. The plow-handles may be advantageously employed when circumstances require an instantaneous or very rapid adjustment of the plow.

By slightly modifying the tongue E the frame A may be attached directly thereto, and I further propose to employ, instead of the "off" hind wheel, B, a roller which may extend inward a sufficient distance to pass over the furrow made by the plow and operate to crush the clods.

The plow with all its appurtenances is adapted to be detached from the frame in order that the latter may be employed for other purposes.

Having thus described my invention, what

I claim as new therein, and desire to secure by Letters Patent, is—

1. The combination of the plow F F', clevises G G', and axle D with the frame A, axle D', seat M, and wheels B, substantially as and for the purposes set forth.

2. The combination of the lever H, link J,

clevis J', and pin k, the whole being employed in the manner and for the purposes herein specified.

JABISH PIERCE.

Witnesses:

I. H. CASS,

W. A. MERCER.