

S. NEFF.
Wheel-Plows.

No. 147,063.

Patented Feb. 3, 1874.

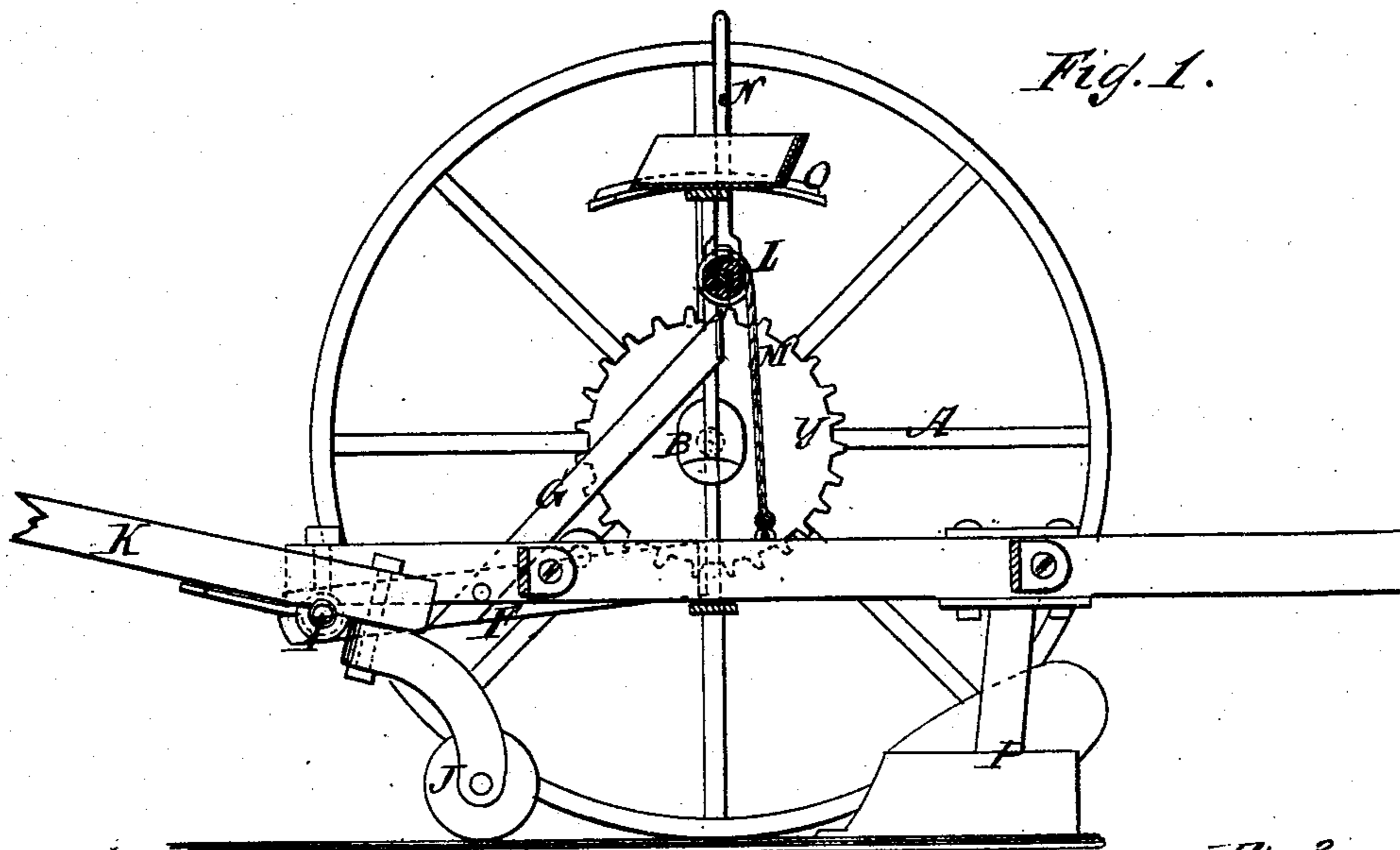


Fig. 1.

Fig. 3.

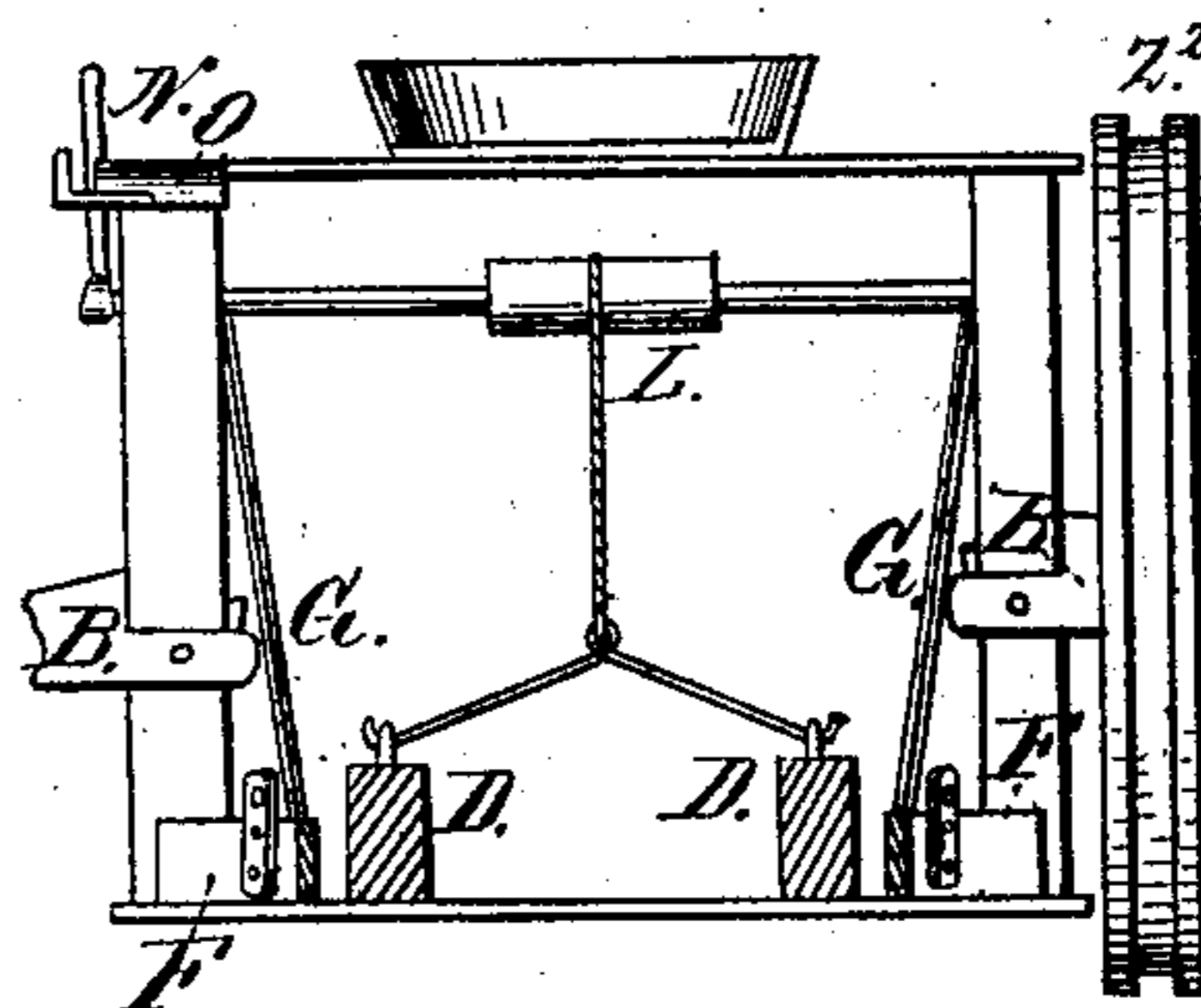
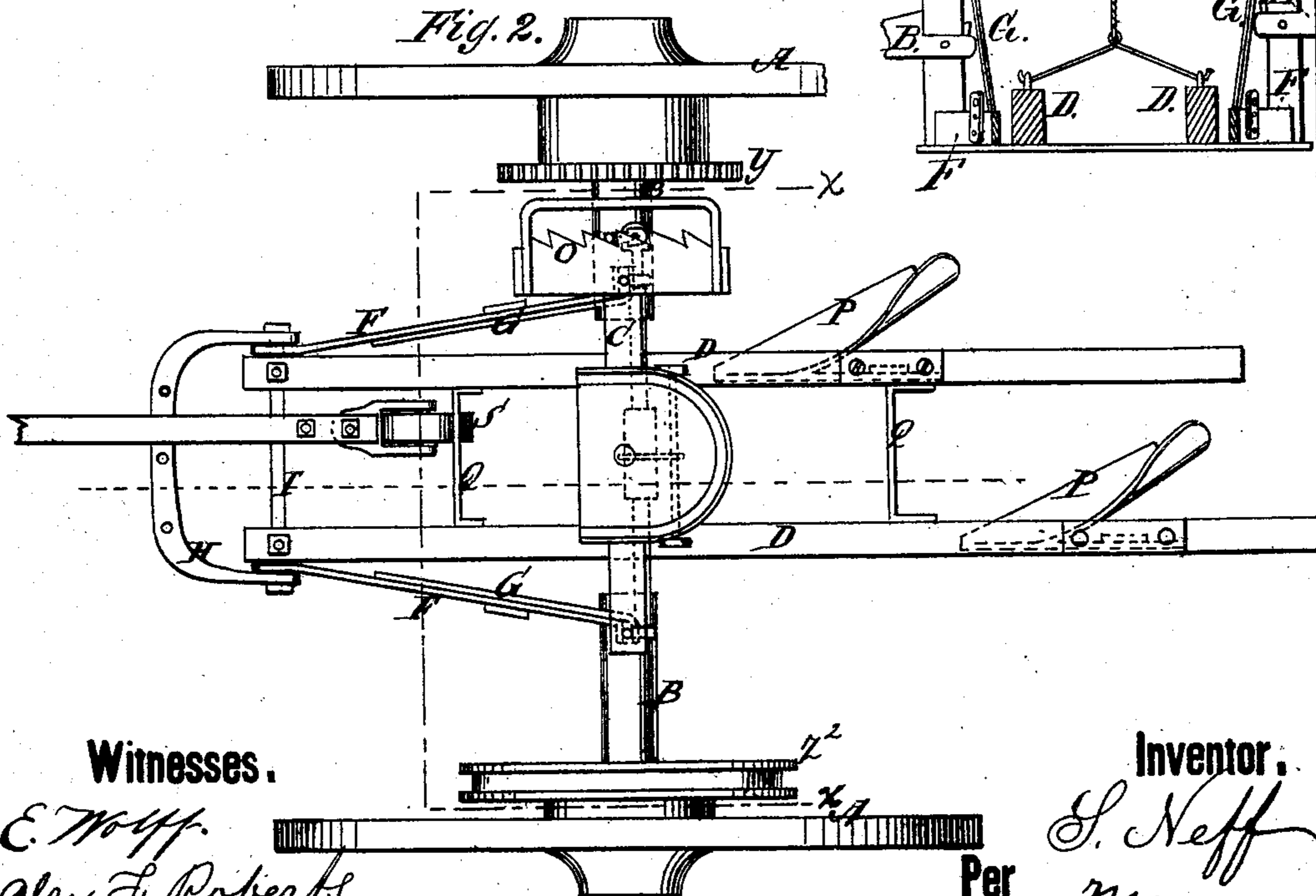


Fig. 2.



Witnesses.

E. Hoff.
Alex. F. Roberts

Inventor.

S. Neff
Per
Attorneys.

UNITED STATES PATENT OFFICE

SOLOMON NEFF, OF CUBA, ILLINOIS.

IMPROVEMENT IN WHEEL-PLOWS.

Specification forming part of Letters Patent No. **147,063**, dated February 3, 1874; application filed August 30, 1873.

To all whom it may concern:

Be it known that I, Rev. SOLOMON NEFF, of Cuba, in the county of Fulton and State of Illinois, have invented a new and Improved Wheel-Plow and Seeder, of which the following is a specification:

The invention will first be fully described, and then pointed out in the claims.

Figure 1 is a sectional elevation. Fig. 2 is a plan view. Fig. 3 is a front end sectional elevation taken in line *x x* of Fig. 2.

A A are wheels revolving on short axles B B, through whose inner ends are vertical slots, that receive the arms of a frame, C, on which is supported a plow-frame, D E. To frame C is attached a horizontal extension, having a cross-bolt, I, to which plow-frame D E is loosely pivoted, so as to have free lateral play. The extension F F is connected with the upper part of frame C by braces G G, while to the lower part its bent ends may be riveted or otherwise fastened. The plow-frame is thus held securely in a horizontal position at any desired depth, the vertical arms of frame C being adjustable in slots of short axles B, and held by wedges at any height. The tongue K is loosely pivoted on the cross-bolt I, so as to move freely

in a lateral direction, while it also turns on a vertical pivot-bolt in the horizontal clevis H, adjustable in different holes, according to the furrow-width which is intended to be cut. Thus the tongue not only determines by its position the width of furrow-slice, but also preserves its freedom of lateral motion.

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

1. The frame C, with forwardly-projecting arms F and braces G, vertically adjustable through slots in the short axles B, in combination with the plow-beams D, carried upon the axle-frame, and pivoted to the front projecting arms F, all as and for the purpose described.

2. The combination, with tongue K, of clevis H, having several perforations, and the cross-bolt of extension F F, to which the tongue is loosely connected by an eyebolt, and adjustable to regulate the width of cut, in the manner set forth.

REV. SOLOMON NEFF.

Witnesses:

ABRAM NEFF,

J. W. STUBBLEFIELD.