

Mower.

Nº 66154

*Patented Jun. 25, 1867.*

Fig: 1

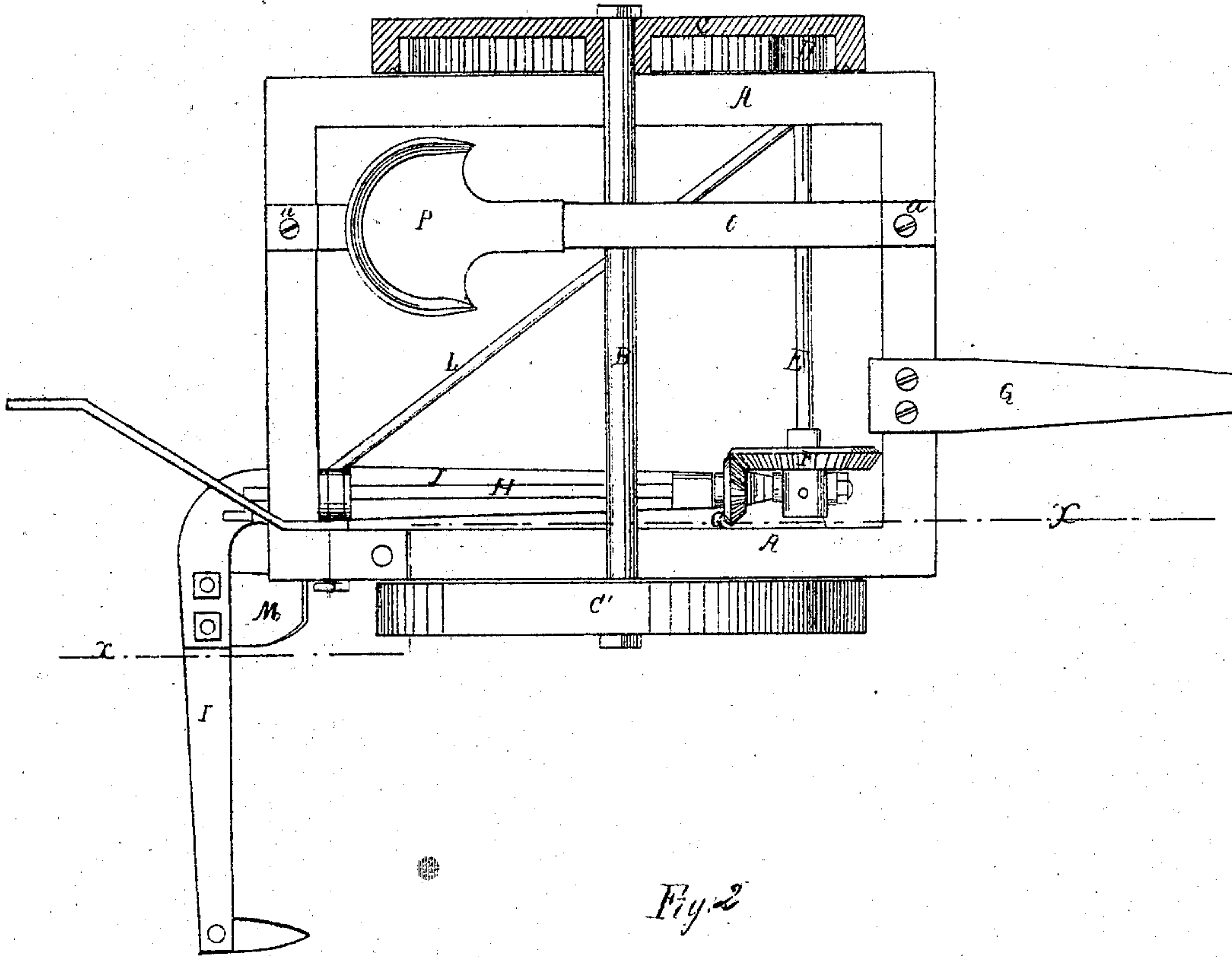
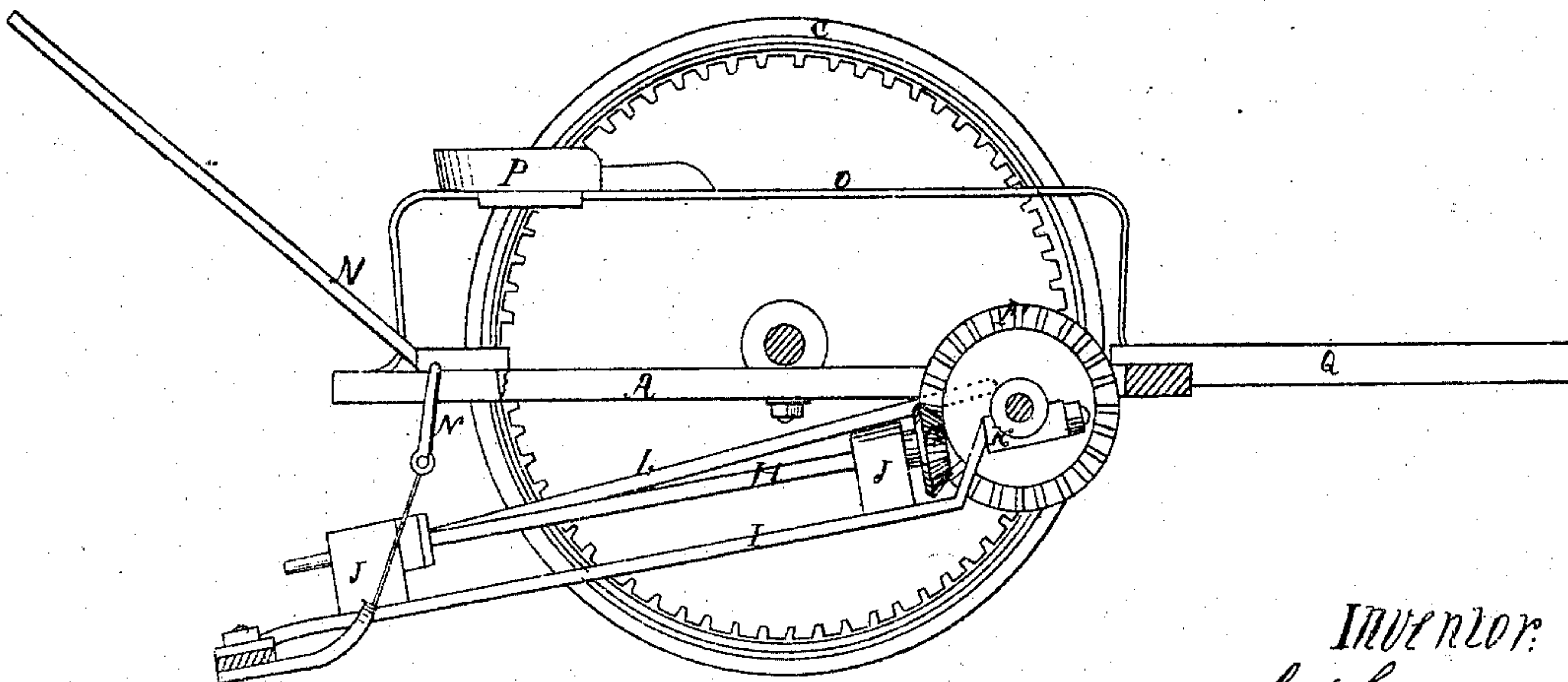


Fig. 2



WITNESSES:  
By A Jackson  
Wm. Brown

INVENTOR:  
B. Lee  
Per Munn & Co  
attorneys

INTERIOR:

B. Lee

Perkins

afternoon

# UNITED STATES PATENT OFFICE.

CALEB LEE, OF SANDY, OHIO, ASSIGNOR TO HIMSELF AND JOSHUA LEE,  
OF SAME PLACE.

## IMPROVEMENT IN HARVESTERS.

Specification forming part of Letters Patent No. 66,154, dated June 25, 1867.

*To all whom it may concern:*

Be it known that I, CALEB LEE, of Sandy, in the county of Columbiana and State of Ohio, have invented new and useful Improvements in Mowing-Machines; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, forming part of this specification.

This invention consists in the construction and arrangement of the main frame, drag-bar having bearing for the crank-shaft, and provided with double joints, the jointed brace, shoe, and crank-lever, as will be hereinafter more fully described.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

Figure 1 is a top-plan view of my improvements in mowing-machine. Fig. 2 is a vertical sectional elevation from the line *x x*.

Letters of like name and kind refer to like parts in each of the figures.

A represents a rectangular frame, which may be made of wood or metal, and mounted on an axle, B, upon which run the wheels C C'. Upon the inside of the rim of the wheel C are teeth, that correspond and mesh into a pinion, D, which is located and secured to the shaft E, which is provided with journals that run in bearings which are secured to the frame A. At the opposite end of the shaft E from the pinion D is a beveled spur-wheel, F, that meshes into a corresponding beveled pinion-wheel, G. This said pinion-wheel G is secured to the crank-shaft H, that runs in bearings J J, which are firmly secured to the drag-bar I. The drag-bar I is provided with double joints at the point where it connects with the ma-

chine, as seen at K, so that the elbow of the bar may be raised or rolled, as desired.

L is a brace, also provided with joints, so as to conform to the motion of the drag-bar. The object and purpose of this brace L is to strengthen and support the drag-bar against any lateral pressure.

M is the shoe, that is firmly secured to the drag-bar I in such a position that when the drag-bar is elevated for the purpose of moving from one place to another, the shoe will rest upon the frame A, so that the weight of the drag-bar is brought upon the frame. N is a crank-lever, that is connected by any proper means to the toe of the shoe M, for the purpose of elevating and lowering the drag-bar. O is a steel spring, made in the form as seen in the drawings, and secured at *a a* to each end of the frame. P is the driver's seat, located upon the said spring O, and constructed in such a manner that it may be adjusted to any desired position. Q is the pole, of ordinary construction, secured to the front end of the machine in any well-known manner, and by which the machine is drawn.

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

The combination and arrangement of the frame A, drag-bar I, having the bearings J J for the crank-shaft H, and provided with double joints K, jointed brace L, shoe M, and crank-lever N, all being constructed and operated in the manner and for the purpose set forth.

CALEB LEE.

Witnesses:

ISAIAH MEREDITH,  
JAMES BENNER.