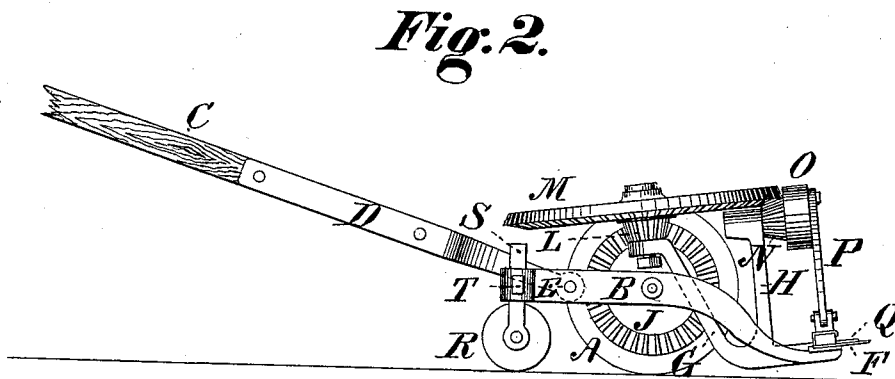
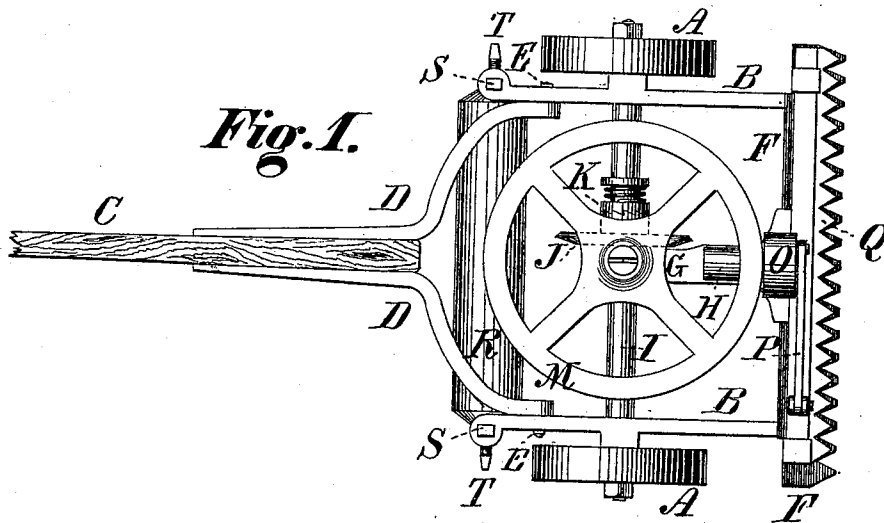


H. T. WEST.
Lawn-Mower.

No. 159,131.

Patented Jan. 26, 1875.



Witnesses.

J. Snowden Bell.
William Parent

Inventor.

Henry T. West,
by his Atty,
Horace Binney, 3rd.

UNITED STATES PATENT OFFICE.

HENRY T. WEST, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN LAWN-MOWERS.

Specification forming part of Letters Patent No. **159,131**, dated January 26, 1875; application filed August 21, 1874.

To all whom it may concern:

Be it known that I, HENRY T. WEST, of the city and county of Philadelphia, in the State of Pennsylvania, have invented a new and useful Improvement in Lawn-Mowing Machines; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing, which forms a part of this specification, and in which—

Figure 1 is a plan, and Fig. 2 a side elevation, of the said improvement.

The same parts are denoted by the same letters in both figures.

This invention consists in the construction and arrangement of the frame and gearing.

A A in the drawing represents the carrying-wheels, upon which is supported the frame of the machine. C is the handle, by which it is pushed forward, and which is connected to the frame by the bail-pieces D D bolted to the handle, and pivoted to the frame at E E. The frame of the machine consists of two side pieces, B B, united by the stationary scalloped cutter-bar F, to which are rigidly connected the standards G and H. On the axle I is loosely mounted a bevel-gear, J, whose hub is formed into ratchet-teeth, engaging with a

pawl or a backing-ratchet, K, made fast on said axle. This gear J meshes with a bevel-pinion, L, supported on standard G, and forming the hub of the crown-wheel M, whose teeth mesh with the bevel-pinion N, which is supported on standard H, as shown in the drawing. To the pinion N is cast or rigidly secured the crank-wheel O, which, through the intervention of pitman P, reciprocates the scalloped cutter Q in the usual manner.

In order to render the height of the cut adjustable, the rear end of the frame is supported on the roller R, from which rise two standards, S S, fitting into lugs on the side pieces B B, and to which the latter may be secured at different heights by means of set-screws T T, thus varying the inclination of the frame, and, consequently, the height of cut.

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

The arrangement, substantially as shown, of the frame B B F, constructed as described, the standards G H, the gear J, supported on the axle, the pinion L, crown-wheel M, pinion N, and crank-wheel O.

HENRY T. WEST.

Witnesses:

JAMES QUINN,
WILLIAM PARENT.