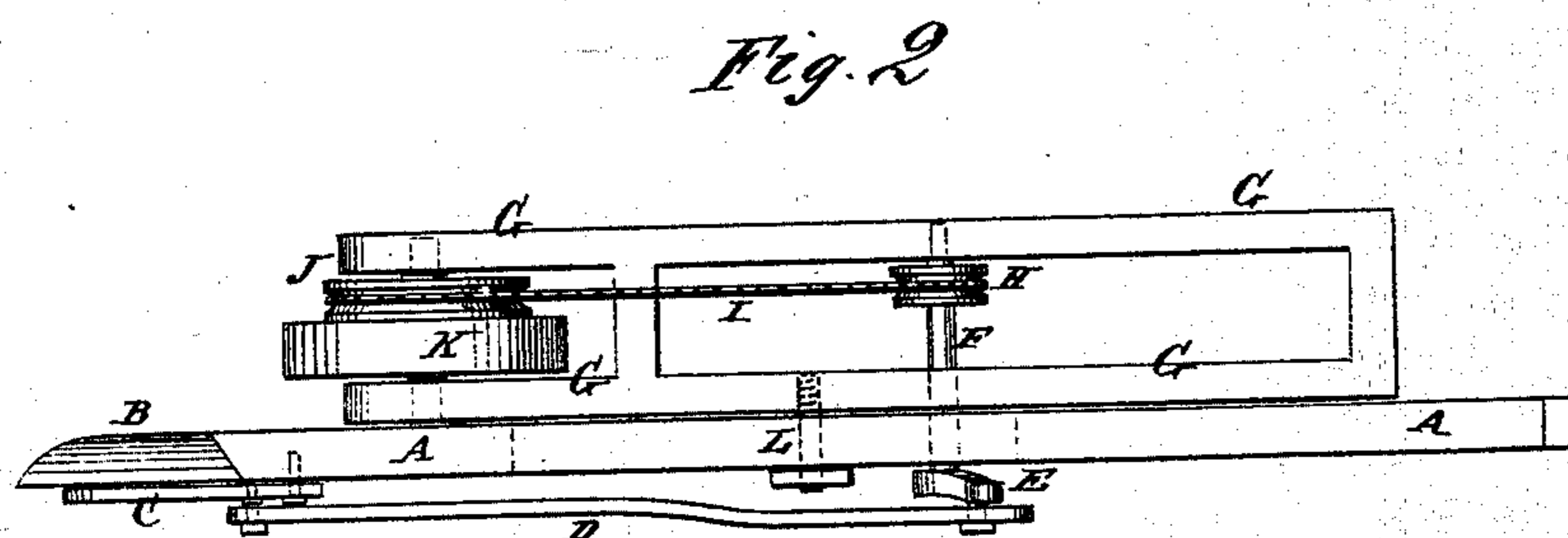
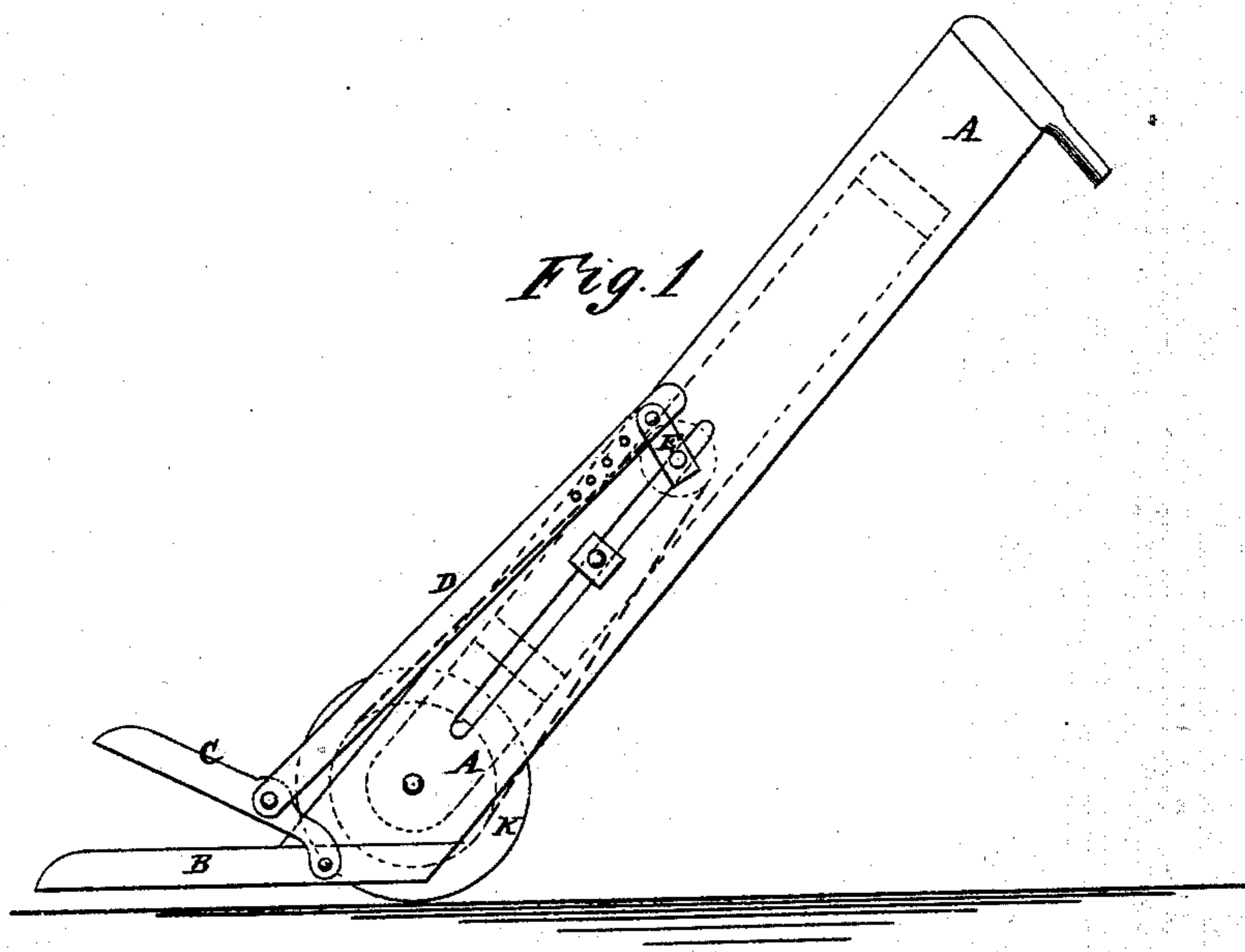


T. SOETBEER.  
Lawn-Mowers.

No. 139,741.

Patented June 10, 1873.



Witnesses:  
*A. W. Almqvist*  
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# UNITED STATES PATENT OFFICE.

THEODOR SOETBEER, OF IRVINGTON, NEW YORK.

## IMPROVEMENT IN LAWN-MOWERS.

Specification forming part of Letters Patent No. **139,741**, dated June 10, 1873; application filed April 12, 1873.

*To all whom it may concern:*

Be it known that I, THEODOR SOETBEER, of Irvington, in the county of Westchester and State of New York, have invented a new and useful Improvement in Lawn-Edge Shearer, of which the following is a specification:

Figure 1 is a side view of my improved instrument. Fig. 2 is a top view of the same.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved instrument for shearing the edges of grass-plots along the edges of walks, beds, &c., where the grass cannot be cut by the lawn-mower. The invention consists in the combination of the slotted standard, the stationary blade, the movable blade, the pivoted connecting-rod, the crank, the shaft, the frame, the upper pulley, the band, the lower pulley, the wheel, and the bolt with each other, as hereinafter fully described.

A represents a standard or frame, to the lower end of which, in an inclined position, is secured the lower or stationary blade B of the shears. To the blade B, near its rear end, is pivoted the rear end of the upper blade C of the shears. To the blade C, near its rear end, is pivoted the lower end of the connecting-rod D, the upper end of which is pivoted to the crank E. Several holes are formed in the connecting-rod D to receive the crank E to enable the instrument to be adjusted as hereinafter set forth. The crank E is attached to the end of the shaft F that passes through a lon-

gitudinal slot in the standard A, and revolves in bearings in the frame G. To the shaft F, within the frame G, is attached a small grooved pulley, H, around which passes a band, I, which also passes around a larger pulley, J, attached to or rigidly connected with the wheel K, the journals of which revolve in bearings in the lower part of the frame G. The wheel K is designed to roll along the ground at the side of the edge to be sheared and carry the machine forward, and at the same time by its revolution to work the movable blade C. The frame G is secured to the standard A by a bolt, L, attached to the frame G, and which passes through the slot in the standard A, and is secured in place by a nut, so that by loosening the nut of the said bolt L the standard A and frame G may be adjusted upon each other to adjust the lower blade B to the proper height above the ground, the connecting-rod D being adjusted accordingly.

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

The combination of the slotted standard A, stationary blade B, movable blade C, pivoted connecting-rod D, crank E, shaft F, frame G, pulley H, band I, pulley J, wheel K, and bolt L with each other, substantially as herein shown and described.

THEODOR SOETBEER.

Witnesses:

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