

T. COLDWELL.  
Lawn-Mower.

No. 162,626.

Patented April 27, 1875.

FIG. 1.

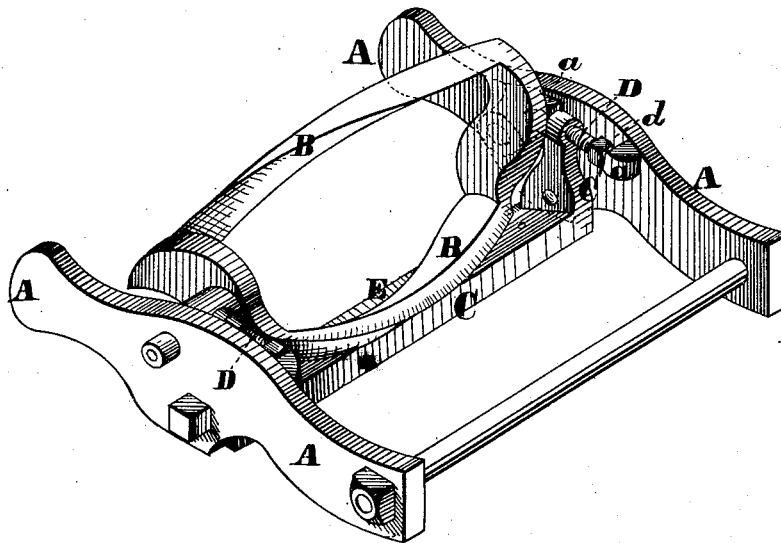
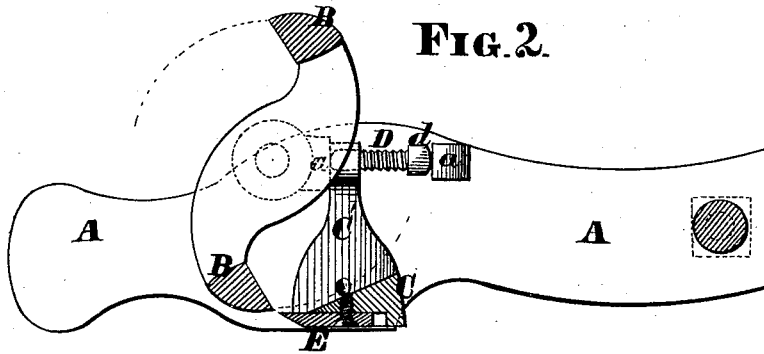


FIG. 2.



WITNESSES.

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*Thomas Coldwell, by*  
*Orindle and Co. his Attys*

# UNITED STATES PATENT OFFICE.

THOMAS COLDWELL, OF NEWBURG, NEW YORK.

## IMPROVEMENT IN LAWN-MOWERS.

Specification forming part of Letters Patent No. **162,626**, dated April 27, 1875; application filed April 16, 1875.

*To all whom it may concern:*

Be it known that I, THOMAS COLDWELL, of Newburg, in the county of Orange and in the State of New York, have invented certain new and useful Improvements in Lawn-Mowers; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings making a part of this specification, in which—

Figure 1 is a perspective view of the front end of a machine containing my improvements, and Fig. 2 is an enlarged section of the same upon a line passing from front to rear.

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

The design of my invention is to enable the ready adjustment of the edge of the cutter-bar toward or from the wiper; and, to this end, it consists in the means employed for connecting the cutter-bar with the side bars of the machine and for changing its position thereon, substantially as and for the purpose hereinafter specified.

In the annexed drawings, A and A represent the side bars of a machine constructed and connected together in the usual manner, within which is journaled a wiper, B, that has, preferably, a spiral form longitudinally, as shown in Fig. 1. Below, and in rear of the wiper B, is placed a cutter-bar, C, which extends between the side bars A and A, and at each end is provided with a vertical arm, C', that is pivoted at a point just above said bar C, to or upon the inner face of one of said

bars A. The upper end of each arm C', which at that point is reduced in width, is provided with a threaded opening that extends horizontally from front to rear, and contains a screw, D, which has its ends pointed or rounded, and at one of said ends has a squared head, *d*. The screw D is contained between two lugs, *a* and *a*, which limit its longitudinal motion without interference with its freedom of rotary or vertical motion. As arranged it will be seen that, by turning the screws D and D within the upper ends of the arms C' and C', the latter will be moved toward the front or rear, and the lower ends of said arms, with the cutter-bar C, will be moved in an opposite direction; so that by such adjustment a cutter, E, attached to said bar C may be moved toward or from the wiper B until just the proper space is left between said parts for their perfect operation.

Having thus fully set forth the nature and merits of my invention, what I claim as new is—

In combination with the revolving wiper B, the cutter-bar C provided with the vertical pivoted arms C' and C', and the screws D and D fitted within said arms, and extending between the lugs *a* and *a*, substantially as and for the purpose specified.

In testimony that I claim the foregoing, I have hereunto set my hand this 15th day of April, 1875.

THOS. COLDWELL.

Witnesses:

GEO. S. PRINDLE,  
WILLIAM FITCH.