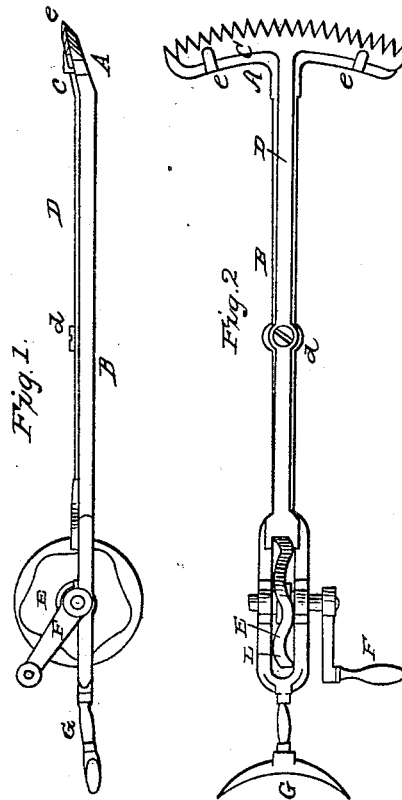


J. A. & H. A. HOUSE.

Lawn Mower.

No. 48,947.

Patented July 25, 1865.



Witnesses
J. S. Peyton
O. Hase.

Inventor
J. A. & H. A. House
By Baldwin & Son
attys

UNITED STATES PATENT OFFICE.

JAMES A. HOUSE AND HENRY A. HOUSE, OF BRIDGEPORT, CONNECTICUT.

IMPROVEMENT IN LAWN-MOWING MACHINES.

Specification forming part of Letters Patent No. **48,947**, dated July 25, 1865.

To all whom it may concern:

Be it known that we, JAMES A. HOUSE and HENRY A. HOUSE, both of Bridgeport, in the county of Fairfield and State of Connecticut, have invented a new and useful Improvement in Machines for Shearing Lawns, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, which make part of this specification, and in which—

Figure 1 represents a plan or top view of a machine for shearing lawns embracing our improvement, and Fig. 2 a view in elevation of one side of the same.

Our invention relates to that class of machines adapted to be worked by hand-power for shearing lawns; and our improvement consists in the combination of a vibrating cutting apparatus with mechanism for actuating it, substantially in the manner hereinafter described.

A finger-beam, A, curved in the arc of a circle of large diameter, and made of a sled shape to run easily over the ground, is attached centrally to a frame composed in this instance of a single beam, B, projecting behind the finger-beam. A scalloped cutter, C, curved to correspond with the finger-beam, vibrates in guides c, secured to the beam. A vibrating bar or

arm, D, is secured to the cutter, and extends along the frame B, to which it is pivoted near its center, so as to play horizontally on its fulcrum d. The rear end of this arm is forked to embrace the edge of a cam-wheel, E, mounted in suitable bearings in the frame, and rotated by a crank-arm, F. The operator pushes against a breast-piece, G, and propels the machine before him, (the finger-beam sliding on the ground,) and vibrates the cutters by turning the crank F.

By our invention we dispense with wheels, shoes, dividers, heavy frames, and complex gearing, and secure a strong, simple, compact, durable, and efficient machine.

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

The combination of the finger-beam, frame, vibrating cutter, cam-gear, and breast-piece, arranged and operating substantially in the manner described, for the purpose set forth.

In testimony whereof we have hereunto subscribed our names.

JAS. A. HOUSE.
HENRY A. HOUSE.

Witnesses:

GEORGE C. BISHOP,
SAMUEL BURR.