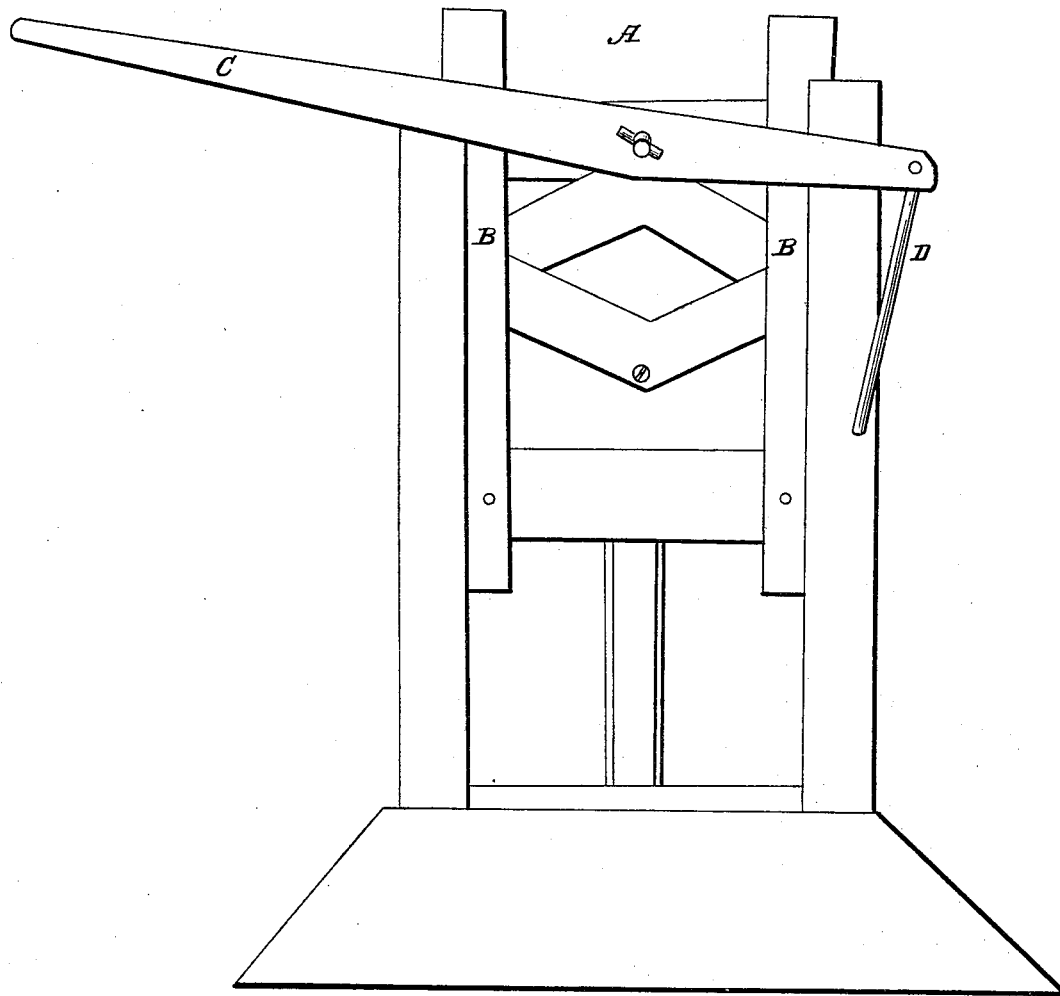


M. COLE.
Straw Cutter.

No. 53,416.

Patented March 27, 1866.



Witnesses:
Lyman Baldwin
J. A. Moore

Inventor:
Munson Cole

UNITED STATES PATENT OFFICE.

MUNSON COLE, OF COLEBROOK, CONNECTICUT.

IMPROVEMENT IN STRAW-CUTTERS.

Specification forming part of Letters Patent No. 53,416, dated March 27, 1866.

To all whom it may concern:

Be it known that I, MUNSON COLE, of Colebrook, Litchfield county, and State of Connecticut, have invented a new and Improved Straw-Cutter; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in making the bottom board of the straw-cutter of the shape of the letter V, to correspond with the shape of one of the knives, which is firmly attached to the end of the cutting-box.

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

I make the bottom of the receiving-box for the straw concave or of a V shape, to correspond with the shape of the edge of the knife attached to the end of the receiving-box.

One knife is attached to a sliding frame, B, which slides in grooved posts.

Lever C is pivoted to the center of the slid-

ing frame B and works upon a swinging or vibrating fulcrum, D, of which the lower end is pivoted to one part of the machine. By this arrangement lever C can be pressed inwardly against the stationary knife with a closer shear-cut.

A is a full view of the machine. B is the sliding frame, to which one knife is attached. C is the working lever. D is the vibrating fulcrum.

I do not claim the knives, nor the sliding frame, nor the lever separate and in detail considered.

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

The V or concave bottom of the receiving-box and my method of arranging the operating parts of the straw-cutting machine, as herein set forth.

MUNSON COLE.

Witnesses:

E. S. WOODFORD,
J. J. WHITING.