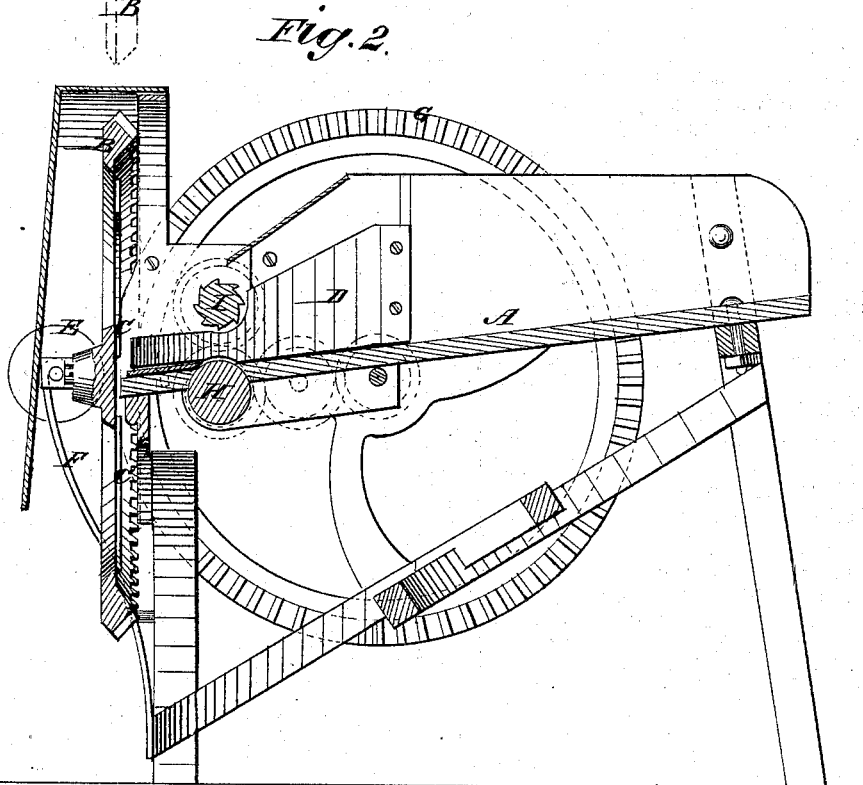
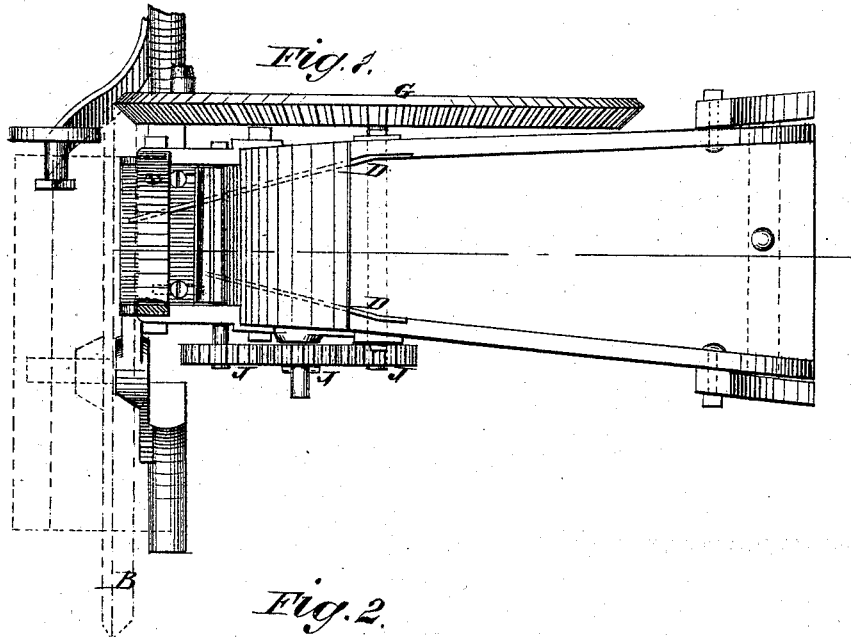


A. HEVERLY.  
STRAW-CUTTER.

No. 182,666.

Patented Sept. 26, 1876.



WITNESSES:

*Francis M. Arde.*  
*John Coethals*

INVENTOR:

*A. Heverly*  
BY *Munn & Co.*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

AMASA HEVERLY, OF NEW ALBANY, PENNSYLVANIA, ASSIGNOR TO  
HIMSELF AND PHILO MINGOS, OF SAME PLACE.

## IMPROVEMENT IN STRAW-CUTTERS.

Specification forming part of Letters Patent No. **182,666**, dated September 26, 1876; application filed  
July 31, 1876.

*To all whom it may concern:*

Be it known that I, AMASA HEVERLY, of New Albany, in the county of Bradford and State of Pennsylvania, have invented a new and Improved Stalk and Straw Cutter, of which the following is a specification:

My invention relates to a cutter, the knives of which are made with convex edges, and are attached to a bevel-toothed wheel running against the mouth of the cutter-box; and it consists of springs attached to the inside of the cutter-box at suitable distance back of the cutters, and converging toward, and terminating a little in advance of, the cutters to open and close on the material being cut according to its volume, and to confine it mostly at the middle of the range of the cutters, whereby the machine works better and easier than when the box is open across the whole breadth, and the stalks are free to be urged away to the outer portion of the cutters.

Figure 1 is a plan view of my improved cutting-box; and Fig. 2 is a sectional elevation, taken on the line *x x*.

A is the cutting-box; B, the cutting-wheel; C, the cutters; D, the spring in the box to regulate the straw and other matters to the cutters by causing them to be presented at the middle of the box. E is the wheel for making the cutters work tight, and F the spring for pressing it against the wheel. G is the driving-wheel; H and I, the feed-rollers, and J the train of toothed wheels gearing the feed-rollers with the axle of the driving-wheel.

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

The combination, with the feed-box A and cutting-wheel B, C, of the yielding spring-plates D attached to the sides of the cutting-box, and converging toward each other, substantially as and for the purpose set forth.

AMASA HEVERLY.

Witnesses:

O. H. ROCKWELL,  
E. F. FOWLER.