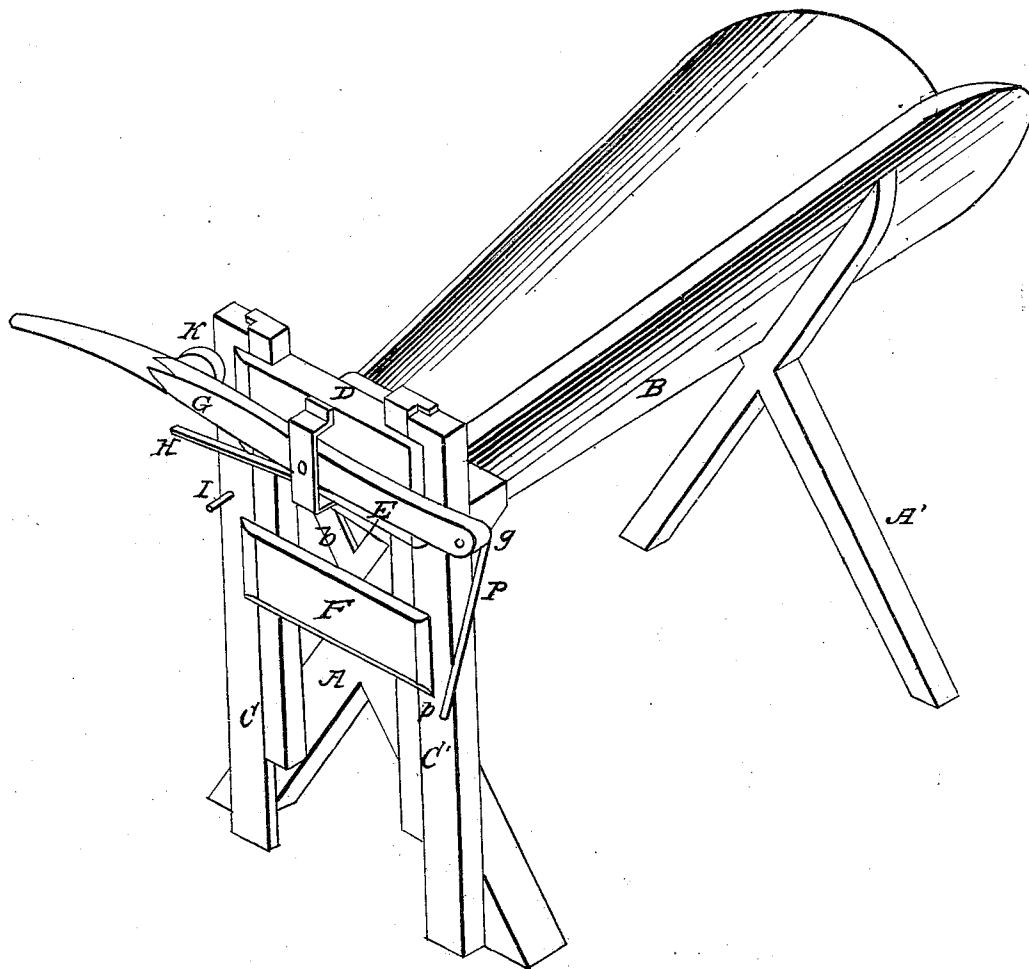


O. C. GREEN,  
Straw Cutter.

No. 21,954.

Patented Nov. 2, 1858.



# UNITED STATES PATENT OFFICE.

OLIVER C. GREEN, OF DUBLIN, INDIANA.

## STRAW-CUTTER.

Specification of Letters Patent No. 21,954, dated November 2, 1858.

*To all whom it may concern:*

Be it known that I, OLIVER C. GREEN, of Dublin, Wayne county, Indiana, have invented a new and useful Improvement in Straw-Cutters; and I hereby declare the following to be a full and exact description of the same, reference being had to the accompanying drawing, making part of this specification.

10 This invention relates to a straw cutter having a V-shaped box armed with knives at its front end adapted to cut shearwise with the knife on the sliding gate, and consists in a certain arrangement of parts here-  
15 after set forth to facilitate the operation of cutting.

A, A', are cross trestles supporting a V-shaped box, or trough B, armed at its front end with a knife *b*, of corresponding shape.  
20 The front trestle A is flush or nearly so with the front of the trough and affords attachment for the fender posts or guides C, and C', of a gate D, to which a knife E, is obliquely attached so as to cut shearwise  
25 with the knife *b*, on the trough.

F, is the gage board attached to the gate D, a short distance below the knife so that in the elevated position of the gate it forms a stop for the ends of the straw to gage the  
30 coarseness of the cut and when the gate is

depressed in the act of cutting is removed sufficiently below the straw to offer no resistance or obstruction to its escape when cut. The handle or lever G by which the gate is depressed is pivoted at its center to 35 the gate and has its fulcrum at *g*, in the upper end of a pitman or connecting rod P, which is at its lower end pivoted (*p*) to the fender post C'.

H, is a spring attached to the under side 40 of the lever G, and impinging against a pin I, projecting from the fender post C, so as to cushion the final descent of the gate and assist its return.

K, is a weight which may be attached to 45 the lever G, to assist the operation of cutting.

I claim as new and of my invention herein: The described arrangement of the hinged connecting rod P, lever G, spring H, pin I, 50 sliding gate D, and oblique knife E, with the V shaped knives *b*, at the end of the trough B, for the purpose set forth.

In testimony of which invention I hereunto set my hand.

OLIVER C. GREEN.

Attest:

GEO. H. KNIGHT,  
D. O. PAIGE.