

(No Model.)

H. G. CADY.
STALK CUTTER.

No. 494,248.

Patented Mar. 28, 1893.

Fig 1.

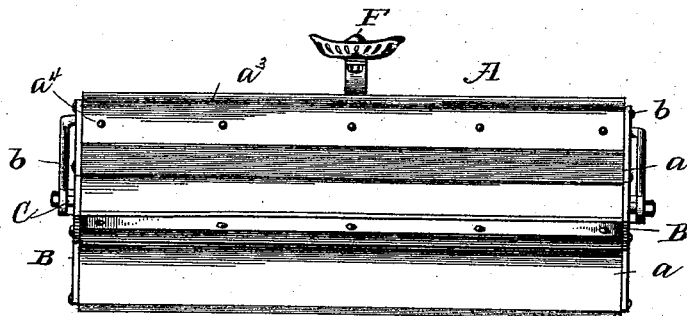


Fig 2.

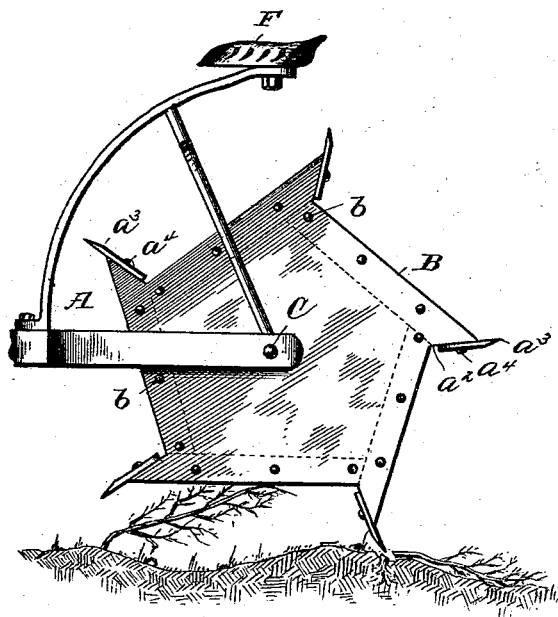
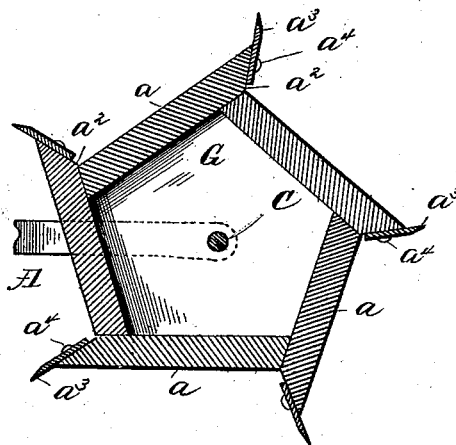


Fig 3.



Witnesses
Paul W. Stevens
W. E. Stevens

Inventor:
Henry G. Cady.
by Art W. Goolsby.
His Attorney.

UNITED STATES PATENT OFFICE.

HENRY G. CADY, OF PINE BLUFF, ARKANSAS.

STALK-CUTTER.

SPECIFICATION forming part of Letters Patent No. 494,248, dated March 28, 1893.

Application filed March 20, 1891. Serial No. 385,833. (No model.)

To all whom it may concern:

Be it known that I, HENRY G. CADY, a citizen of the United States of America, residing at Pine Bluff, in the county of Jefferson and State of Arkansas, have invented certain new and useful Improvements in Stalk-Cutters, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to an improvement in stalk cutters. Its object is to produce a stalk cutter, the frame of which is composed of a number of detachable cutter-bars to provide for the easy substitution of a new bar should one of the old ones become broken.

15 With this object in view the invention consists of a frame composed of a number of cutter-bars, cutters secured to said bars, and means for holding the bars together; it consists further in a frame composed of a number of cutter-bars, cutters secured to the bars and end plates to which each cutter-bar is secured in turn, for holding them together; furthermore it consists in a number of cutter-bars, 25 cutters or knives secured thereto and end plates conforming to the contour of the frame formed by the cutter bars, each one of which bars has a beveled projecting side which serves as a seat for the cutters or knives, the bars in position, abutting against the preceding and succeeding bar; and finally it consists in the details of construction as will herein-after be more fully described.

35 In the accompanying drawings forming a part of this specification, and in which like letters of reference indicate corresponding parts, Figure 1 is a rear elevation of my invention. Fig. 2 is an end elevation thereof, and Fig. 3 is a cross sectional view of the same.

40 In the drawings, A represents a frame composed of a number of approximately rectangular bars a each bar having one of its sides

beveled at a^2 to serve as seats for the cutters or knives a^3 secured to the bars by bolts a^4 .

B represents end plates secured by bolts or pins b to each of the cutter-bars a and conforming to the contour of the frame A, which in this case is shown as having five sides, although the substitution of a greater or less number of cutter-bars may be practiced, without departing from the spirit of the invention. By doing this it will necessarily alter the general contour of the frame.

C is an axle journaled in the side plates B, centrally thereof and also in a frame D to which a tongue and a seat F may be secured.

The interior chamber G of the frame A may be filled with some heavy substance to force the cutter more forcibly on the stalks.

The operation of the machine will be readily understood. The edges of the cutters are arranged the same relative distances apart as the stalks to be cut and consequently when the machine is hauled over the ground they will come in contact and sever the stalks near the earth.

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

A stalk cutter, consisting of a series of cutter-bars abutting against each other each bar having a beveled projecting side, cutters or knives secured upon the beveled sides of the cutter-bars, end plates to which the cutter-bars are secured and a frame carrying an axle journaled centrally in the end plates, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY G. CADY.

Witnesses:

N. J. C. JOHNSON,
A. M. MIDDLEBROOKS.