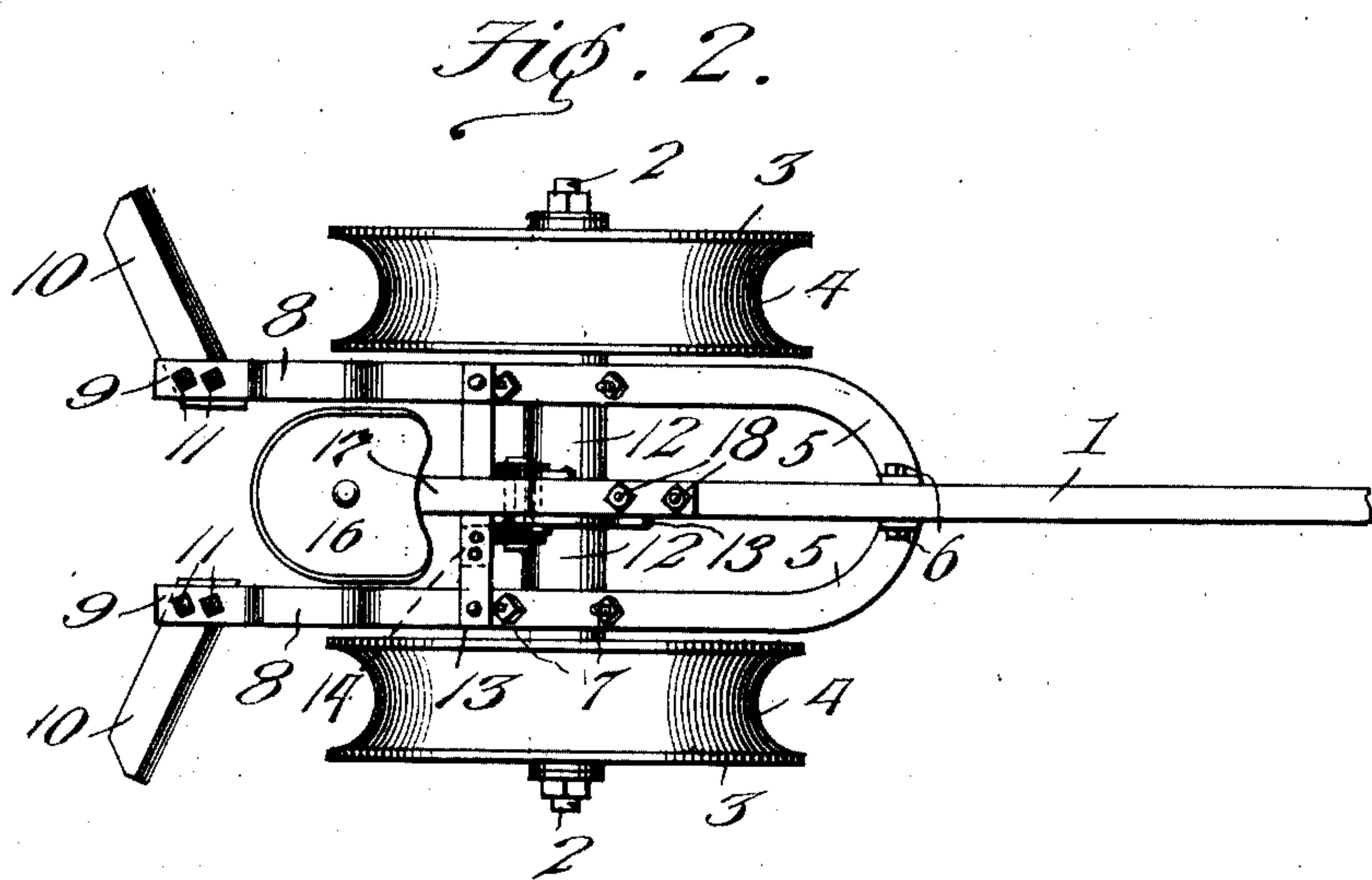
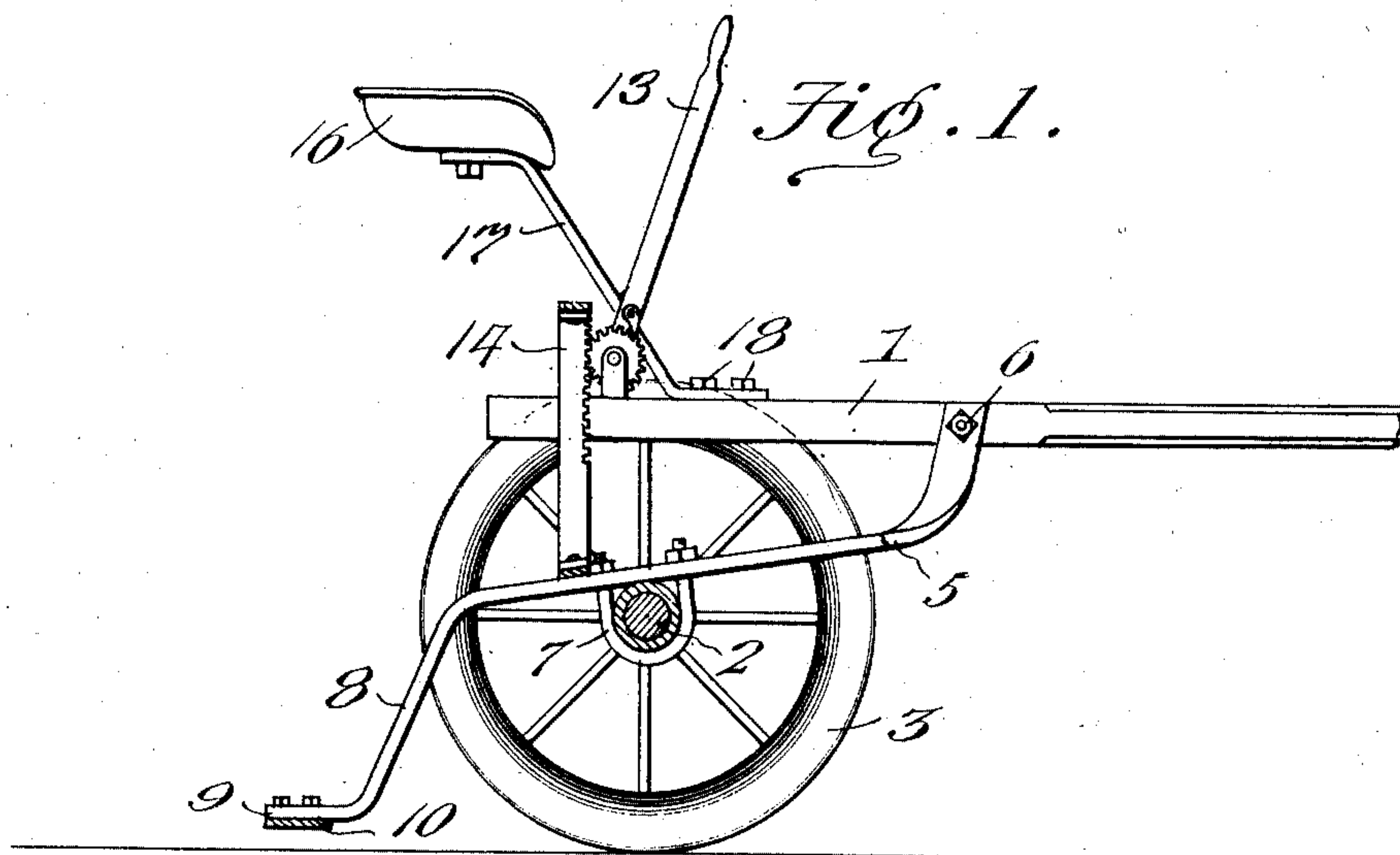


No. 864,656.

PATENTED AUG. 27, 1907.

B. C. LANCASTER.
STALK CUTTER.

APPLICATION FILED JAN. 30, 1907,



Inventor

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Witnesses

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UNITED STATES PATENT OFFICE.

BENJAMAN C. LANCASTER, OF WAXAHACHIE, TEXAS.

STALK-CUTTER.

No. 864,656.

Specification of Letters Patent.

Patented Aug. 27, 1907.

Application filed January 30, 1907. Serial No. 354,871.

To all whom it may concern:

Be it known that I, BENJAMAN C. LANCASTER, a citizen of the United States of America, residing at Waxahachie, in the county of Ellis and State of Texas, have
5 invented new and useful Improvements in Stalk-Cutters, of which the following is a specification.

This invention relates to stalk cutters and cotton choppers, and one of the principal objects of the same is to provide means for bending down the stalks and
10 cutting them off while they are bent down.

Another object of the invention is to provide a machine of this character which will operate upon two rows of corn or of cotton at the same time and will bend the stalks and sever them at a point near the
15 ground.

Still another object is to provide means for adjusting the beams laterally, and to reciprocate the frame.

These and other objects may be attained by means of the construction illustrated in the accompanying
20 drawings, in which:

Figure 1 is a side elevation and partial section of a machine made in accordance with my invention. Fig. 2 is a plan view of the same.

Referring to the drawings for a more particular
25 description of my invention, the numeral 1 designates the tongue of the machine, and 2 is the axle thereof. The wheels 3 are provided with a deep peripheral groove 4 designed for the purpose of bending down the stalks prior to the cutting operation, and said wheels
30 are located at the proper distance apart to operate upon two rows of corn or cotton. The beams 5 are upwardly curved at their front ends and secured by a bolt 6 to the tongue 1. Clips 7 secure the beams 5 to the axle 2 and the rear ends of said beams are bent

downwardly, as at 8, and backwardly, as at 9. Cutter
35 blades 10 are secured to the lower ends of the beams by means of bolts 11, said cutters extending laterally and rearwardly from the beams in order to provide a shearing cut. The beams 5 are adjusted vertically by
40 means of the lever 13 and rack 14. A seat 16 is secured to an inclined bar 17 bolted at 18 to the tongue 1.

The operation of this machine may be described as follows: The machine is drawn over the field of corn or cotton and the wheels 3 pass over the two rows and bend down the stalks. The cutters 10 following the
45 wheels cut off the stalks while they are bent down, the cut being formed diagonally across the corn or cotton stalk and with a shearing cut, owing to the angle at which the blades are set relatively to the beams.

Having thus described the invention, what I claim
50 is:

1. In a machine of the character described, a tongue, beams secured to said tongue, an axle secured by clips to said beams, said wheels having peripheral grooves therein, knives secured to the beams in rear of the wheels, and
55 means for adjusting said knives vertically with relation to said tongue, substantially as described.

2. In a machine of the character described, a tongue, beams secured at their forward ends to said tongue, an axle, wheels mounted on said axle, said wheels having deep
60 peripheral grooves for bending down the stalks, clips for securing the beams to the axle, angularly arranged knives connected to the rear ends of the beams in rear of the wheels, a rack bar secured to the beams, and a lever for raising said rack bar and beams, substantially as described.
65

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

BENJAMAN C. LANCASTER.

Witnesses:

O. H. CHAPMAN,
E. C. MCCARTNEY.