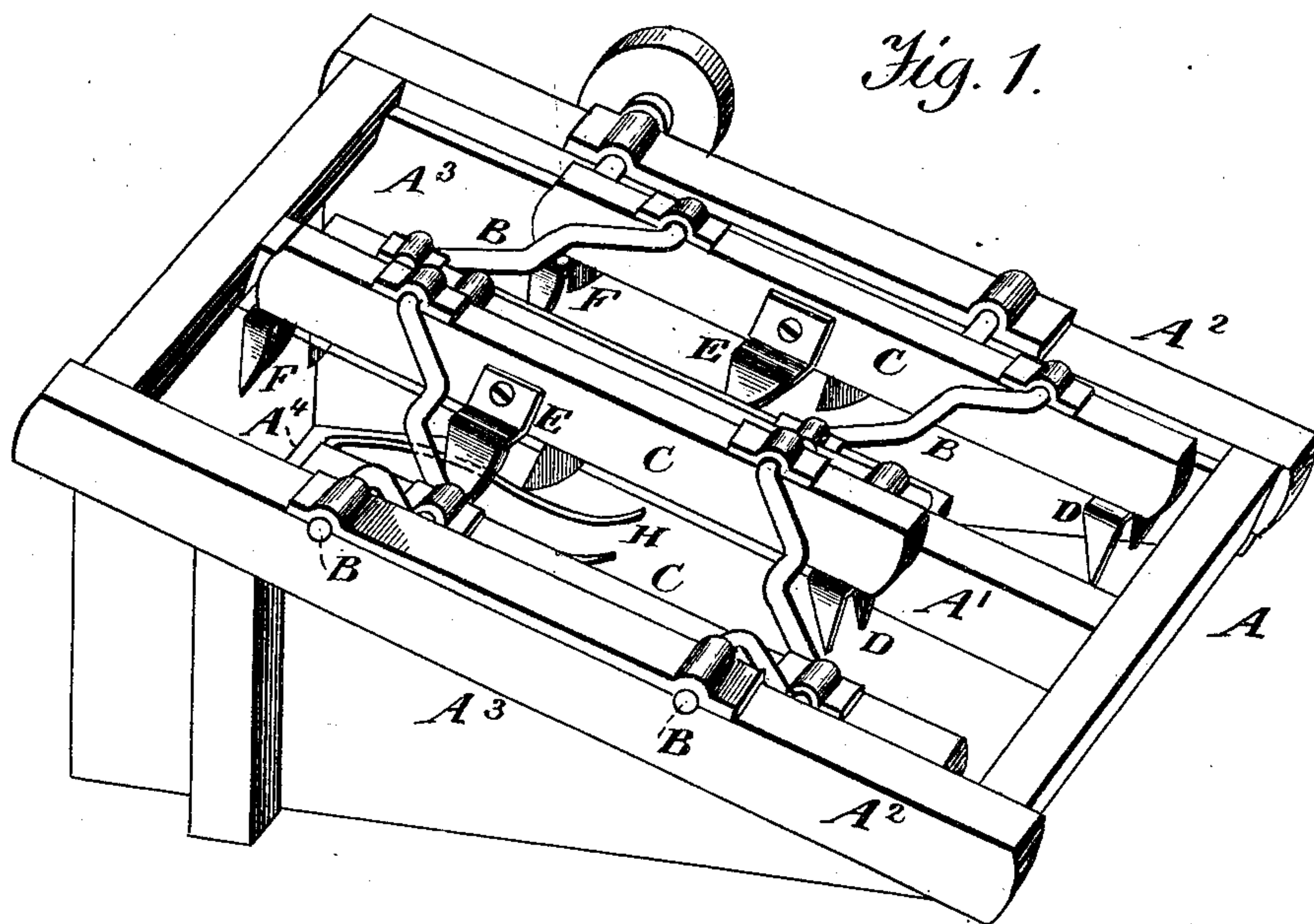


(No Model.)

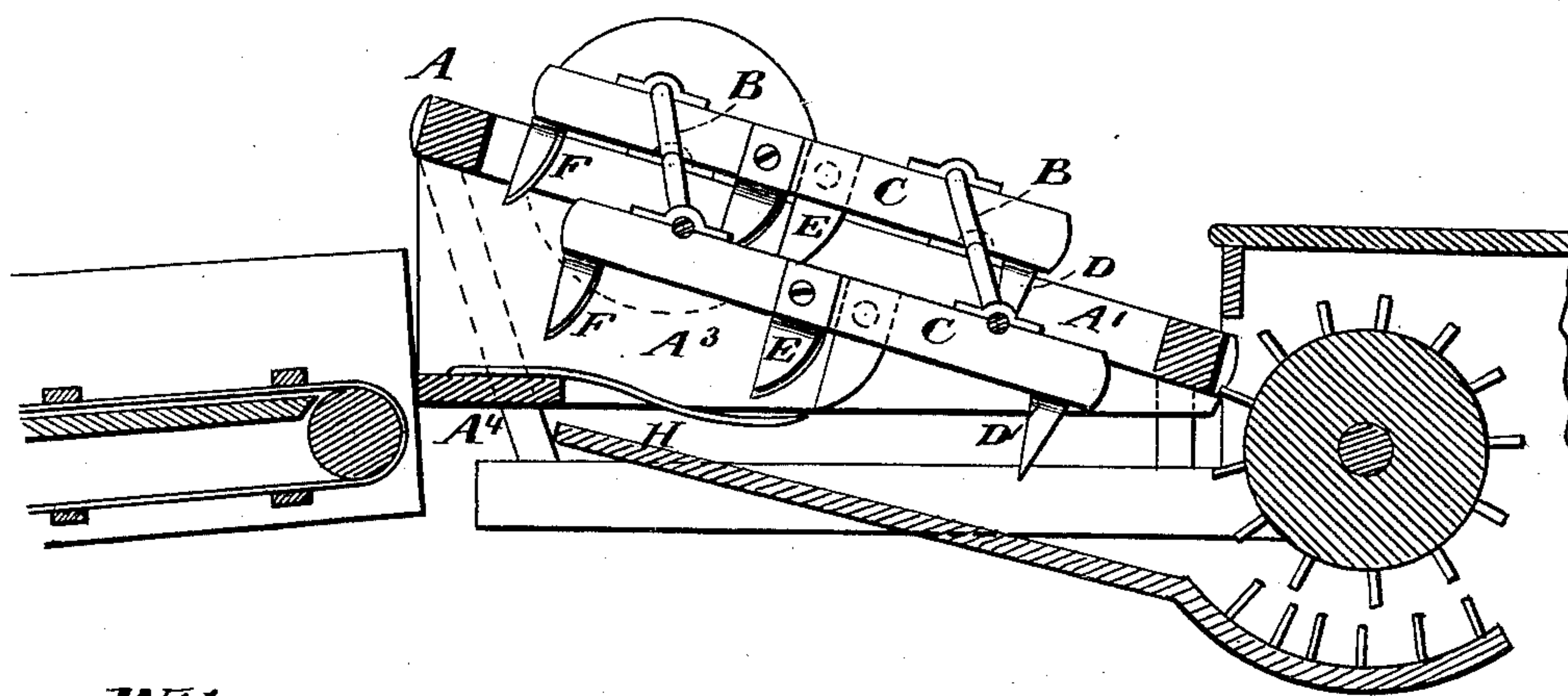
W. G. HUNTINGTON.  
BAND CUTTER AND FEEDER.

No. 446,973.

Patented Feb. 24, 1891.



*Fig. 2.*



*Witnesses.*  
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*Inventor.*  
*William G. Huntington*  
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*att'y*

# UNITED STATES PATENT OFFICE.

WILLIAM G. HUNTINGTON, OF PIPESTONE, MINNESOTA.

## BAND-CUTTER AND FEEDER.

SPECIFICATION forming part of Letters Patent No. 446,973, dated February 24, 1891.

Application filed October 4, 1890. Serial No. 367,068. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM G. HUNTINGTON, a citizen of the United States, residing at Pipestone, in the county of Pipestone and State of Minnesota, have invented certain new and useful Improvements in Band-Cutters and Feeders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The special object of the invention is to make an attachment for a thrashing-machine by which bundles of grain may have their bands cut and be fed to the thrasher, as hereinafter described.

Figure 1 of the drawings is a perspective view of my attachment for thrashers; Fig. 2, a longitudinal vertical section of my attachment, an endless grain-carrier, and a thrasher, all connected and ready for operation.

In the drawings, A represents a rectangular frame with the longitudinal middle bar A<sup>1</sup> and two parallel side bars A<sup>2</sup> A<sup>2</sup>. In these bars are journaled two corresponding parallel shafts B B, each provided with four cranks b, set ninety degrees apart on the shaft. On corresponding cranks of the shafts are pivoted the longitudinal bars C, and on each of these bars, which are preferably four in number, I arrange on the rear the feed-teeth D, which push the bundle toward the thrashing-cylinder. In the front of the feed-teeth D, and about the middle of the bar, I arrange the curved cutters E E, with their sharp edges in rear, and on the front end I place the supplementary knives F F.

The frame A is supported by two side boards A<sup>3</sup>, which are highest at the front and taper nearly to a point in rear. The front ends of these side boards are connected by a bottom cross-board A<sup>4</sup>, and the latter is provided with forwardly-extending metallic prongs H, curved upwardly at the free end to enter the bundles of grain and produce sufficient frictional resistance to their forward movement to enable the knives to cut the band.

The front end of my attachment is placed at the mouth of the thrasher, and on the usual feed-platform, so as to connect with an elevator or endless carrier which brings the bundles. The bundles may, however, be fed by hand into my attachment, which will cut the bands and carry them into the thrasher.

Having thus described all that is necessary to a full understanding of my invention, what I claim as new, and desire to protect by Letters Patent, is—

The combination, with a thrasher having the usual spiked cylinder, spiked concave, and feed-platform, of the frame A, the metallic prongs H H, arranged at an incline on said platform, the correspondingly-cranked shafts B B in bearings of said frame, the longitudinal bars C, carried by said crank-shafts, and the feeders D, curved cutters E, and knives F, arranged on said longitudinal bars, as and for the purpose set forth.

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

WILLIAM G. HUNTINGTON.

Witnesses:

P. P. CADY,  
O. T. GILSON.