

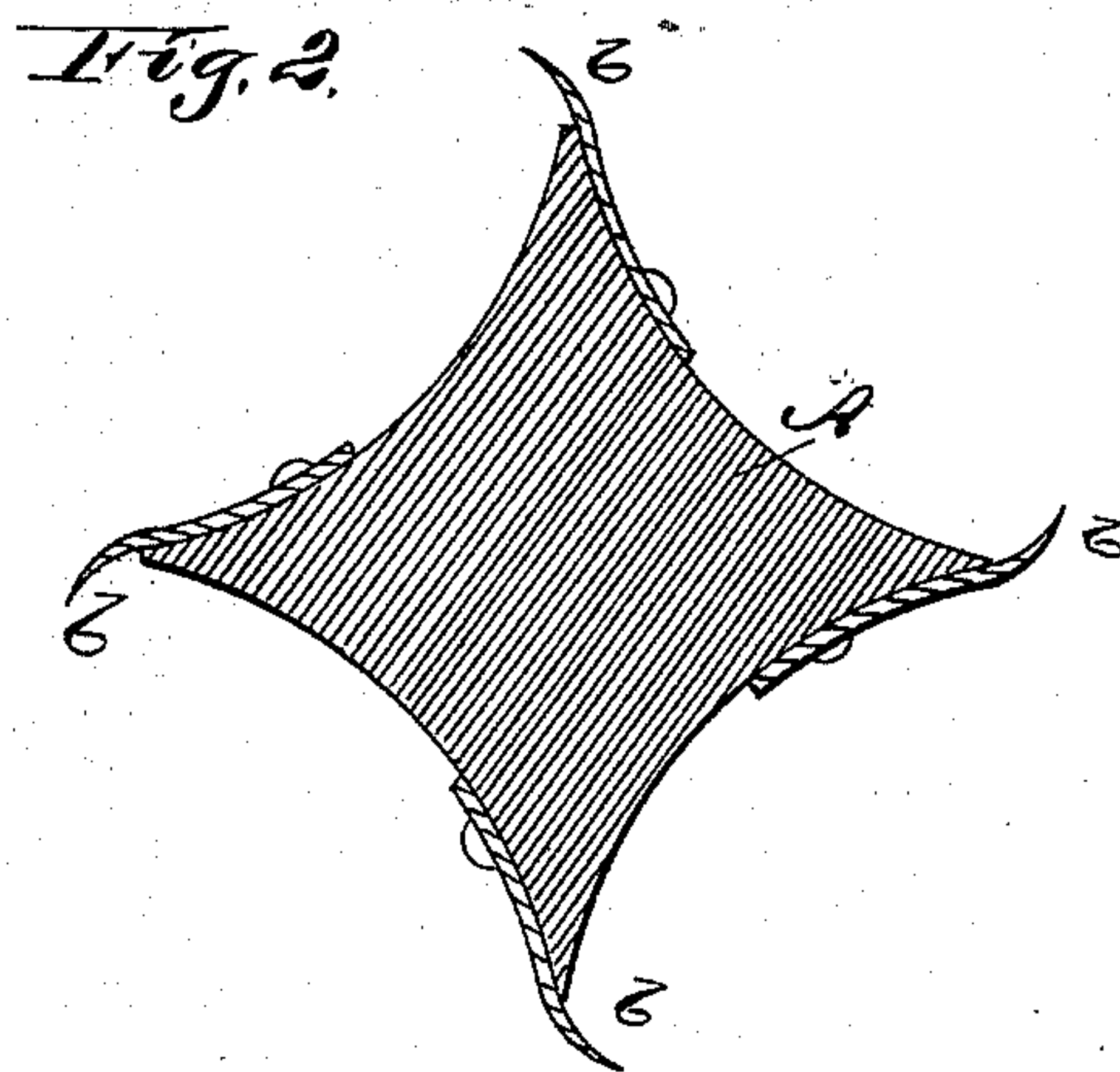
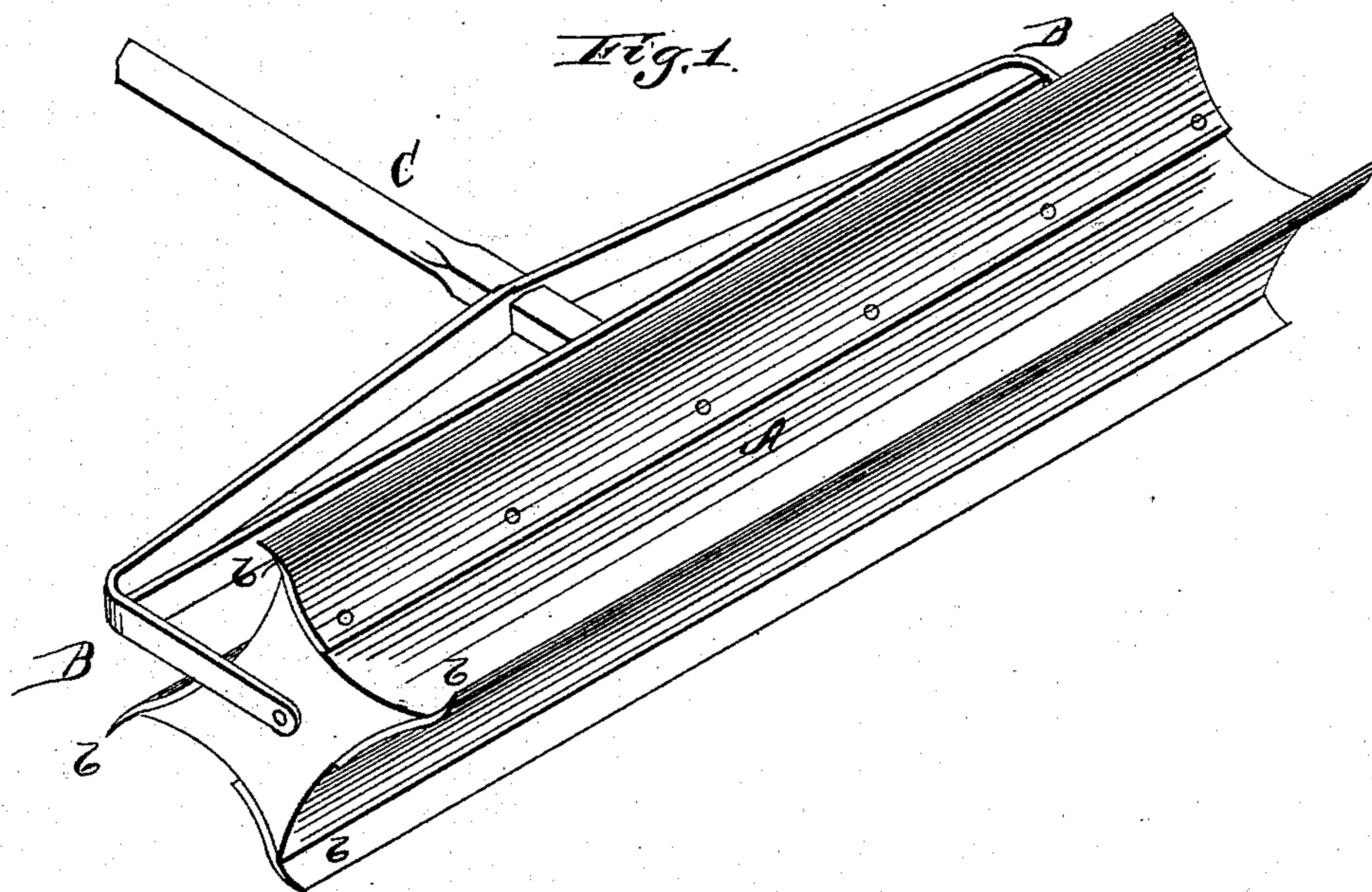
(No Model.)

H. G. CADY.

STALK CUTTER.

No. 252,181.

Patented Jan. 10, 1882.



Witnesses:
H. C. J. Arthur.
W. R. Keyworth.

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UNITED STATES PATENT OFFICE.

HENRY G. CADY, OF PINE BLUFF, ARKANSAS.

STALK-CUTTER.

SPECIFICATION forming part of Letters Patent No. 252,181, dated January 10, 1882.

Application filed August 6, 1881. (No model.)

To all whom it may concern:

Be it known that I, HENRY G. CADY, of Pine Bluff, in the county of Jefferson and State of Arkansas, have invented certain new and useful Improvements in Stalk-Cutters; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification, in which—

Figure 1 is a perspective view of my stalk-cutter, and Fig. 2 a central cross-section of the same.

The object of my invention is to provide a stalk-cutter which may not only be furnished to the farmer at a minimum cost, but one which shall combine strength in its construction and efficiency in its operation.

To these ends it consists, essentially, in a block of suitable wood of sufficient length and diameter concaved between each of its corners, to which are bolted the cutters, all substantially as will be hereinafter more particularly set forth.

To enable others skilled in the art to make and use my invention, I will now proceed to describe its construction and operation.

A represents the revolving block, which consists simply of a block of hard wood from three to four feet in length and eighteen inches in diameter, more or less. This block has its opposite sides parallel, and is then concaved between each edge, as seen in the drawings. Along its four corners or edges are bolted or otherwise secured the cutters *b b*. These are also preferably made slightly concave, so as to present their edges in the best position to the ground or stalks as they revolve.

B represents a frame between whose sides

or ends the block A is pivoted. To this frame is also attached the tongue C.

The great advantages which are derived from thus constructing a stalk-cutter are, first, the block being of solid wood and concaved, as described, it possesses the requisite weight, while at the same time it does not catch and hold the dirt, and thus impair the cutting quality of the knives; secondly, each cutter being formed of a single piece of steel and bolted closely to the edge of the block, makes it still more difficult to clog, as is done when the cutters are held off from the revolving cylinder by arms. In short, by my method of construction I get greater cheapness and efficiency.

It is evident that the knives should be of sufficient width to enable them to extend and be bolted a sufficient distance below the edge of the wings on the roller, and thus guard against the wings splitting or breaking off.

I am well aware that revolving rollers have been used in pulverizers, harrows, &c., and therefore do not claim, broadly, such a device; but

What I do claim, and desire to secure by Letters Patent, is—

In combination with a suitable frame, the revolving cutter A, composed of a block of wood concaved between its edges to form solid wings, to which are bolted cutters, all as and for the purpose set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

HENRY G. CADY.

Witnesses:

W. C. MCARTHUR,
W. R. KEYWORTH.