

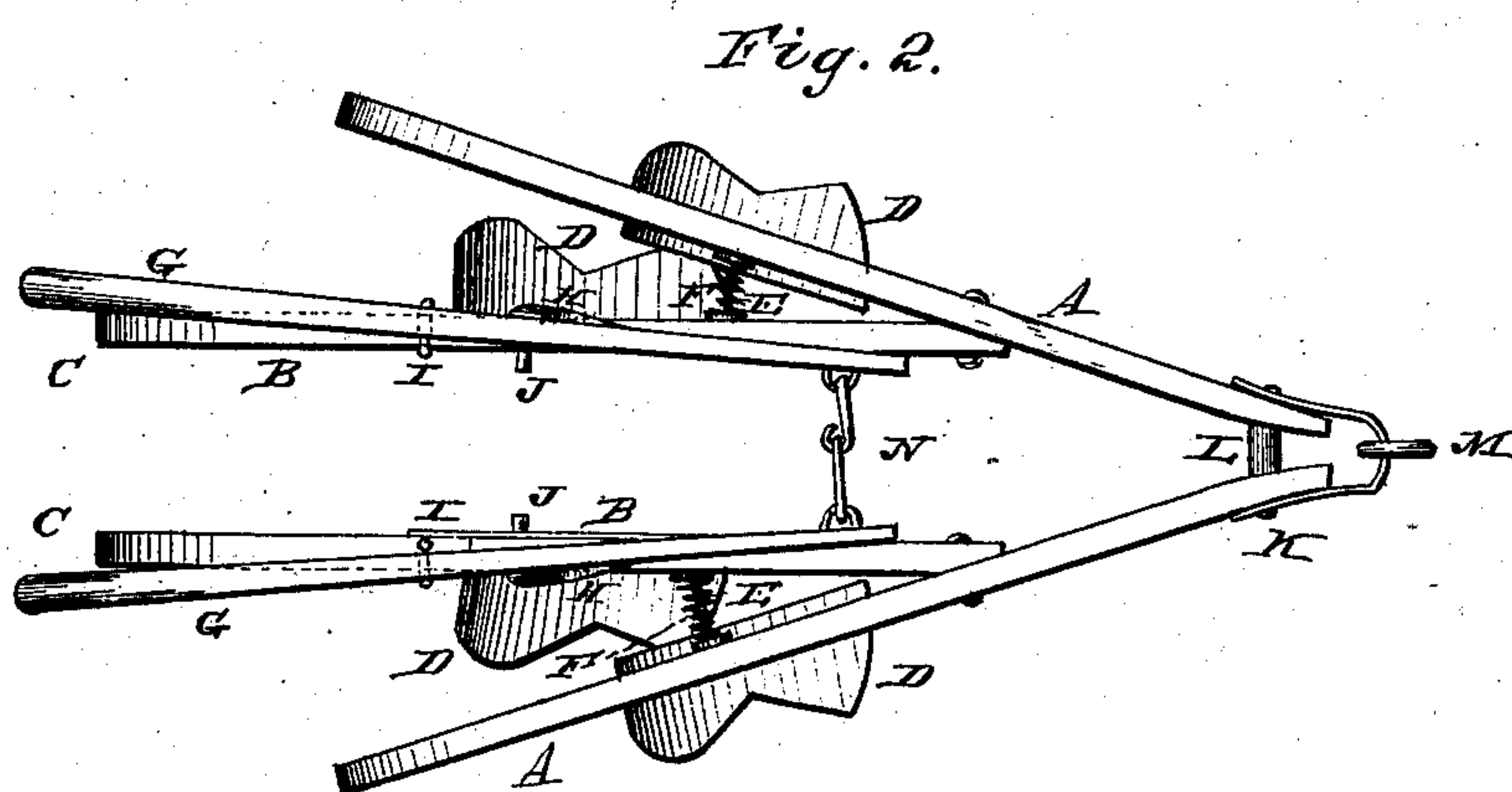
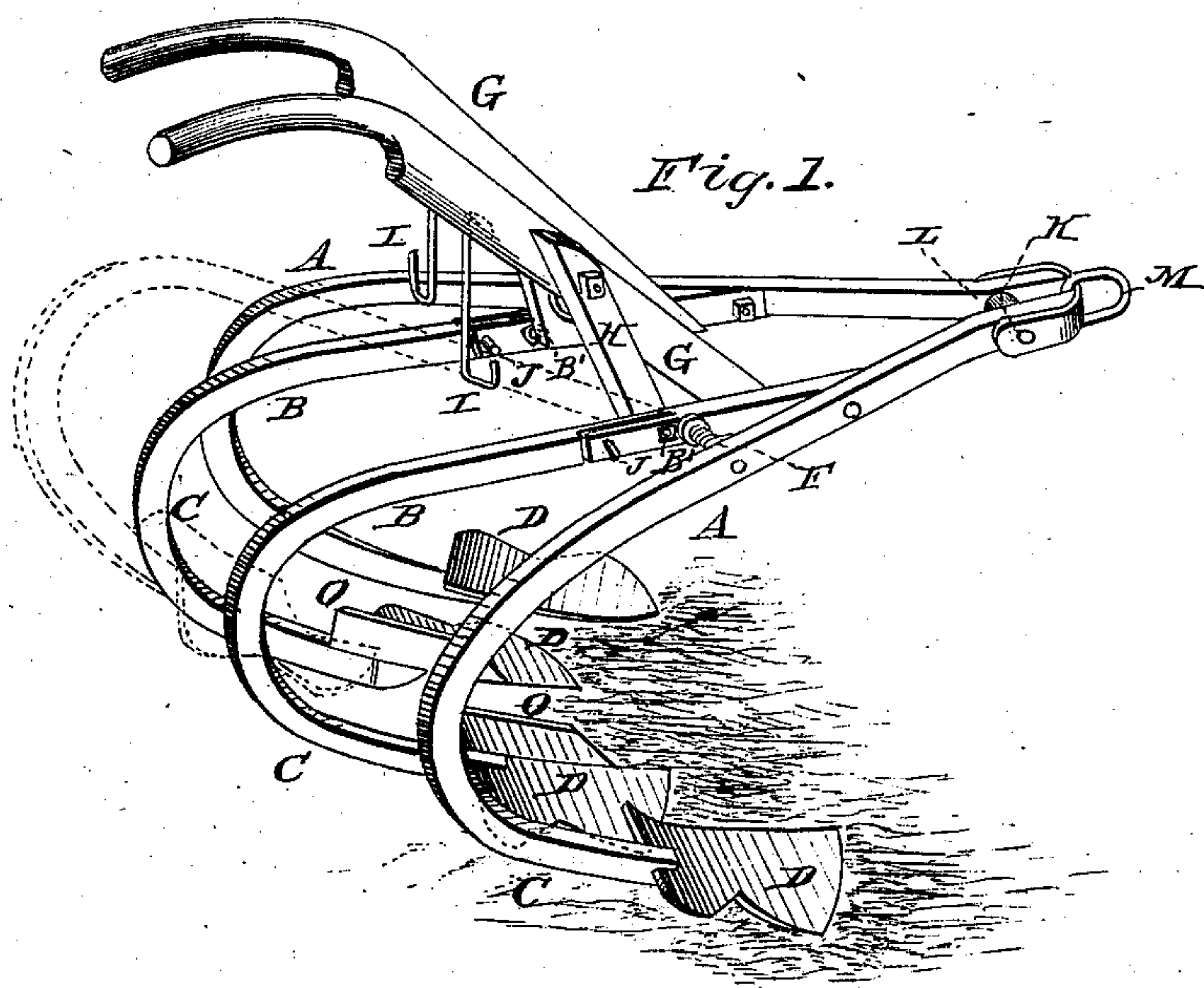
(No Model.)

S. A. BATSON.

CULTIVATOR.

No. 256,455.

Patented Apr. 18, 1882.



WITNESSES

Wm. H. Dietrich
Wm. H. Dietrich

INVENTOR

S. A. Batson
by C. A. Snow & Co.
Attorneys

UNITED STATES PATENT OFFICE.

SMITH A. BATSON, OF BATSON'S STORE, TENNESSEE.

CULTIVATOR.

SPECIFICATION forming part of Letters Patent No. 256,455, dated April 18, 1882.

Application filed February 18, 1882. (No model.)

To all whom it may concern:

Be it known that I, SMITH A. BATSON, of Batson's Store, in the county of Dixon and State of Tennessee, have invented certain new and useful Improvements in Cultivators; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a perspective view of my improved cultivator, and Fig. 2 is a top view of the same.

Similar letters of reference indicate corresponding parts in both figures.

This invention relates to plows for cross-breaking land and for cultivating young crops of corn, cotton, tobacco, and the like; and it consists in the improved construction and arrangement of parts, which will be hereinafter fully described, and particularly pointed out in the claim.

In the drawings hereto annexed, A A represent the outer and B B the inner beams, all of which are curved or bent at their rear ends so as to form the standards C, carrying the plow-blades D, which should be detachable, so that they may be interchanged from one side to the other, and thus throw the dirt either inward or outward, as desired. The beams B are each made in two parts or pieces hinged together by means of bolts B', so that their rear ends, comprising the standards C, may be raised to the position shown in dotted lines in Fig. 1 of the drawings when the plows are out of the ground. The front ends of the beams B are rigidly connected to beams A, rods E being interposed in order to space them sufficiently. Upon these rods are placed coiled springs F, which assist in spacing the beams.

G G are the handles, which are bolted or otherwise firmly secured to the front ends of the beams B, braces H being provided in order to hold them firmly and securely in position. The handles G are provided with hooks I, in which the rear ends of the beams B may be supported when raised, as above mentioned.

When the said rear ends of beams B are lowered for operation they are to be rigidly connected to the front ends by means of removable keys or pins J.

The front ends of the beams A are connected by a bolt, K, upon which they are pivoted, so that they may be raised or lowered in relation to each other, and thus be enabled to work independently. A block or washer, L, is interposed between beams A A upon the bolt K, for the purpose of spacing the beams. A clevis, M, is also attached to the bolt K, for the attachment of the draft.

It will be seen from the foregoing that my improved plow consists of two parts, each of which comprises a beam, A, beam B, and handle G. The said parts or sections are connected, besides the bolt K, by a link, N, which enables them to be manipulated independently of each other.

The plow-blades D upon the standards C of beams B may be provided upon their inner edges with fenders O, for the purpose of preventing clods, rocks, &c., from rolling over upon the young plants being cultivated.

From the foregoing description, taken in connection with the drawings hereto annexed, the operation of my invention will be readily understood. It is simple, inexpensive, convenient, easily manipulated, and may be used efficiently for several purposes.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

In a cultivator, the combination of the outer beams, A, the inner beams, B, constructed in two sections, hinged together and having their front ends attached to said outer beams, A, and the handles G, having hooks I, all constructed and arranged substantially as set forth.

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

SMITH A. BATSON.

Witnesses:

T. H. BATSON,
J. W. BATSON.