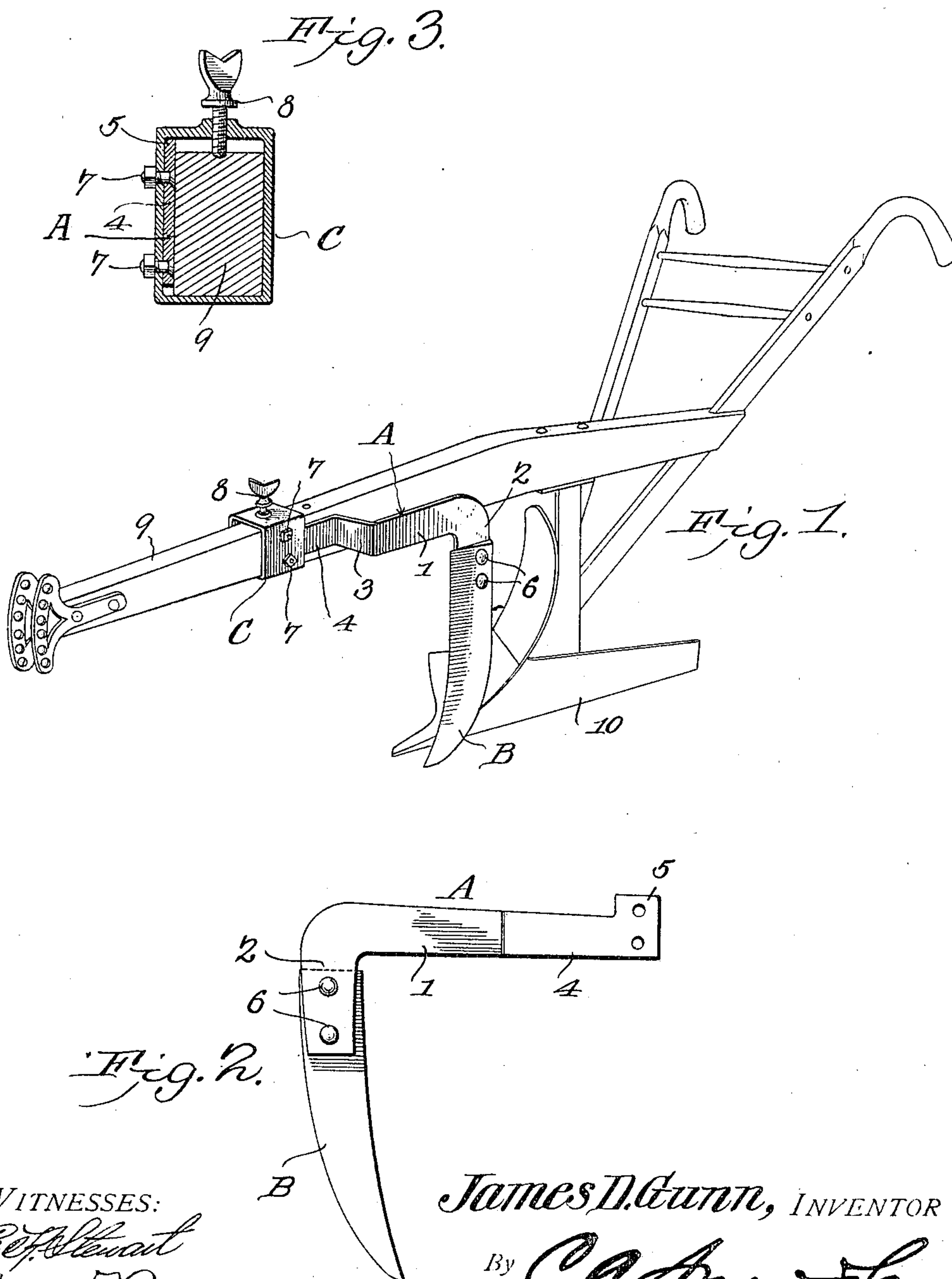


No. 819,880.

PATENTED MAY 8, 1906.

J. D. GUNN.
VINE CUTTER.
APPLICATION FILED JAN. 19, 1906.



WITNESSES:
E. J. Alenat
Wm. Bagger

James D. Gunn, INVENTOR
By *C. A. Snow & Co.*
ATTORNEYS

UNITED STATES PATENT OFFICE.

JAMES D. GUNN, OF THOMASVILLE, GEORGIA, ASSIGNOR OF ONE-HALF
TO MARY LAURA COPELAND, OF METCALF, GEORGIA.

VINE-CUTTER.

No. 819,880.

Specification of Letters Patent.

Patented May 8, 1906.

Application filed January 19, 1906. Serial No. 296,874.

To all whom it may concern:

Be it known that I, JAMES D. GUNN, a citizen of the United States, residing at Thomasville, in the county of Thomas and State of Georgia, have invented a new and useful Vine-Cutter, of which the following is a specification.

This invention relates to vine-cutters, and it has particular reference to a vine-cutting attachment which is adapted to be secured or mounted in position for operation upon the beam of an ordinary plow, the object of the invention being to present a device of this class which shall possess superior advantages in point of simplicity, durability, and general efficiency.

With these and other ends in view, which will readily appear as the nature of the invention is better understood, the same consists in the improved construction and novel arrangement and combination of parts, which will be hereinafter fully described, and particularly pointed out in the claims.

In the accompanying drawings has been illustrated a simple and preferred form of the invention, it being, however, understood that no limitation is necessarily made to the precise structural details therein exhibited, but that changes, alterations, and modifications within the scope of the invention may be made when desired.

In the drawings, Figure 1 is a perspective view showing the improved vine-cutter attached to a plow. Fig. 2 is a side elevation showing the vine-cutter detached. Fig. 3 is a sectional view taken through the beam of the plow and showing the attaching means for the vine-cutter.

Corresponding parts in the several figures are indicated throughout by similar characters of reference.

The improved vine-cutting attachment or device includes a supporting-arm A, a blade B, and a clamp C.

The supporting-arm includes an approximately horizontal member 1, provided at its rear end with a downward extension 2, which is nearly at right angles thereto, and at its front end with a lateral offset 3, having a forwardly-extending attaching-plate 4, the

front end of which is provided with an enlargement 5.

The blade or cutter B is secured by means of bolts, rivets, or other suitable attaching means, as 6, upon the downward extension or shank 2 of the supporting-plate, the front edge of said blade being sharpened, so as to present a clean cutting edge.

The enlargement 5 at the front end of the attaching-plate 4 is fitted against the inner side of the rectangular band or clamp C and is securely connected with said clamp by means of bolts 7. The clamp C is provided in its upper side with a threaded aperture through which extends a thumb-screw 8.

In Fig. 1 of the drawings the clamp 8 has been shown as mounted upon the beam 9 of an ordinary turning-plow 10, where it is adjustably secured by means of the thumb-screw 8. The arm A will thus be supported with the horizontal member 1 spaced from and approximately parallel to the plow-beam, and the blade B will be supported with the point thereof in earth-engaging position at a suitable distance from the point of the plow. When thus supported, it will serve to cut or sever any vines or tangled or matted growths of any kind that may be found on the land that is being operated upon.

The improved attachment is very simple in construction, and it may be easily applied to any ordinary plow. By the use thereof the plowing operation in land that is covered with vines or filled with tangled and tenuous roots will be much facilitated.

Having thus described the invention, what is claimed is—

1. A supporting member having a downward-extending shank and a lateral offset with a forward extension, a rectangular clamp having a set-screw, means for securing the forward extension of the supporting member upon the inside of the clamp, and a vine-cutting blade secured upon the shank of the supporting member.

2. The combination with a plow-beam, of a clamp having a set-screw whereby it may be secured upon the beam, a supporting member having at its front end an enlargement which is secured upon the inside of the

clamp, said supporting member including a lateral offset and a downward-extending shank, and a vine-cutting blade secured upon the downward-extending shank and spaced
5 by the lateral offset from the plane of the clamp upon which the enlargement at the front end of the supporting member is secured.

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

JAMES D. GUNN.

Witnesses:

B. F. COCHRAN,
ROY R. SOPP.