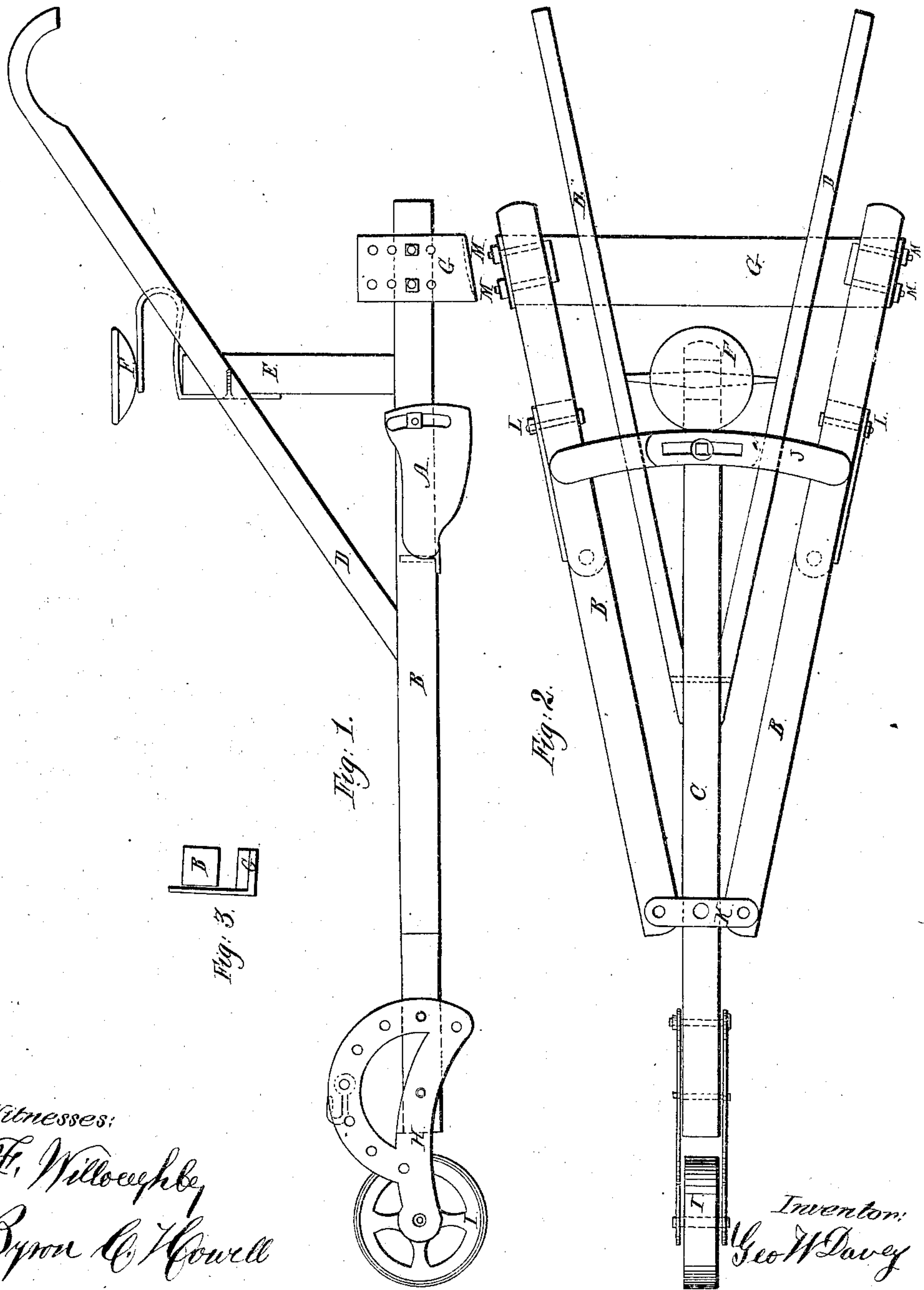


G. W. Davey.

Clod Crusher.

N^o 44,710.

Patented Oct 18, 1864.



Witnesses:
F. Wilcoy
Byron C. Howell

Inventor:
Geo W Davey

UNITED STATES PATENT OFFICE.

GEORGE W. DAVEY, OF GROTON, NEW YORK.

WEED-ERADICATOR.

Specification forming part of Letters Patent No. 44,710, dated October 18, 1864.

To all whom it may concern:

Be it known that I, GEORGE W. DAVEY, of the town of Groton, in the county of Tompkins and State of New York, have invented a new Improved Weed-Eradicator; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a side elevation. Fig. 2 is a longitudinal elevation; and Fig. 3 is a transverse section, showing the end of the frame-piece B and a portion of the share G.

The nature of this invention consists in providing a frame suitable for the purpose with adjustable or stationary runner-shape blocks for gages and guides, (shown by the letter A in Fig. 1 of the drawings,) and with an adjustable or stationary knife or share, as shown by the letter G in Figs. 1, 2, and 3.

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

I construct my frame in any suitable form, but usually in the form used for cultivators, as shown by the accompanying model and drawings—viz., the form of the letter A with a center piece running through the center, as shown by the letter C, Fig. 2 of the accompanying drawings. There are two reasons for this form of a frame being superior, which are, first, the constructing of the steel or iron share G to fit this frame brings the proper bevel to the share G; second, the eradicator may be run close to the borders of beds or walks without injury to the borders by the shifting of the direction of the leader-wheel I, Figs. 1 and 2. After constructing a frame, as above described, with handles or levers D D to assist in guiding and operating the eradicator, I attach to said frame B B stationary or adjustable gages or guides, as shown by the letter A in Fig. 1. These gages or guides may be of wood or iron, and may be made adjustable by a slot and set-screw and bolt, as shown by L L, Fig. 2. The pieces A, Fig. 1, regulate

the depth of the share at the will of the operator, and are therefore gages. They also act as guides in running along borders, and give a steadier motion to the eradicator than wheels. I then take of steel or iron suitable for the purpose, and after constructing or bending it in the proper form to fit this frame, which brings it to the proper bevel, which makes it more effectual as an eradicator, and keeps the front edge worn sharp by its own action, I attach it to the frame, either as stationary or adjustable. If adjustable, by the means of the holes and bolts M M M M, as shown in Fig. 2, at the point where the said share G is attached to the frame B B. The share G being set a little lower than the gages A A, and being pressed down by the levers or handles D D, or the weight of a person on the seat F, attached to the upright standard E, will cause the share G to operate as an eradicator of weeds, &c., in gardens or cemetery or pleasure-ground walks, the eradicator to be drawn by a horse, as is a cultivator.

I do not claim the gages or guides A A or the share G, except as in this peculiar and particular combination and for this particular purpose, as specified. I do not claim any other part or portion, except when used in this combination.

Having described the construction and operation of my improved weed-eradicator sufficiently to enable others skilled in the art to make and use the same, I will proceed to state what I claim as new and desire to secure by Letters Patent of the United States:

1. The gages or guides A A, either as adjustable or stationary, in this combination.
2. The share G, either as stationary or adjustable, when applied to a suitable frame, in combination with the gages or guides A A, the whole being arranged and combined to operate as and for the purpose set forth.

GEORGE W. DAVEY.

In presence of—

BYRON C. HOWELL,
F. WILLOUGHBY.