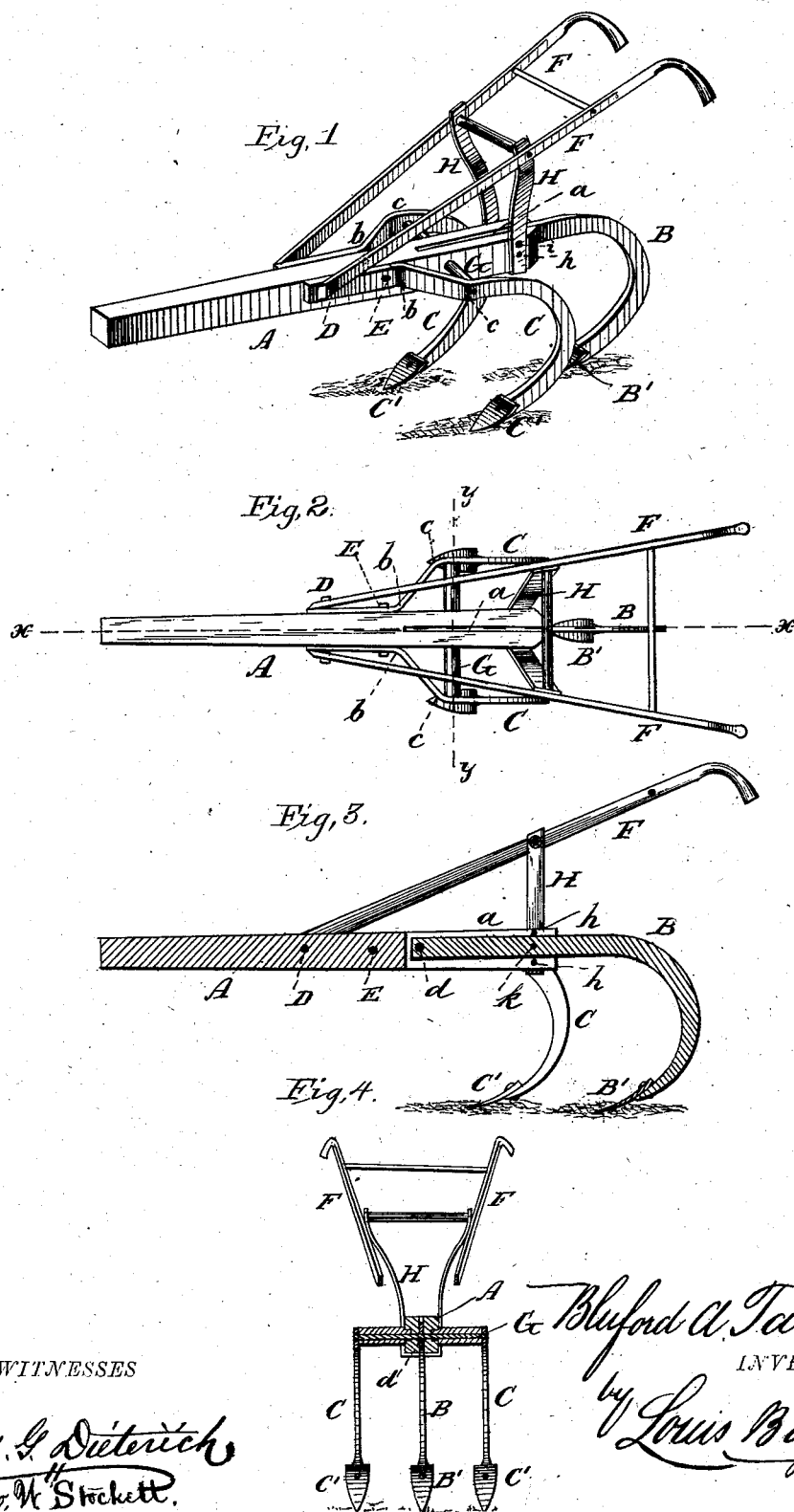


(No Model.)

B. A. TABER.
CULTIVATOR.

No. 259,943.

Patented June 20, 1882.



WITNESSES

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UNITED STATES PATENT OFFICE.

BLUFORD A. TABER, OF HALL'S HILL, TENNESSEE.

CULTIVATOR.

SPECIFICATION forming part of Letters Patent No. 259,943, dated June 20, 1882.

Application filed January 30, 1882. (No model.)

To all whom it may concern:

Be it known that I, BLUFORD A. TABER, of Hall's Hill, in the county of Rutherford 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, and in which—

Figure 1 is a perspective view of my improved cultivator. Fig. 2 is a top view of the same. Fig. 3 is a vertical cross-section through line *x x*, Fig. 2; and Fig. 4 is a similar section through line *y y* of the same figure.

Similar letters of reference indicate corresponding parts in all the figures.

My invention contemplates an improved construction of so-called "walking-cultivators," as hereinafter more fully described and claimed.

The frame of my improved cultivator consists of a single beam, A, of wood, of suitable length, width, and thickness. The rear end of this beam is split or slotted longitudinally for about one-third of its length, as shown at *a*, to receive the adjustable shank B of the hind or rear plow, B'. The projecting rear end of shank B is curved, as usual, and has secured to its lower end a "bull's-tongue" or other suitable shovel, B', according to the special nature of the work for which the cultivator is designed.

C and C are the side irons, each one of which is shaped or bent to form two shoulders, as shown at *b* and *c*, respectively. The forward straight part of each of the irons C in front of shoulder *b* is bolted to the side of beam A (one on each side) by a pair of bolts, (shown at D and E,) one of which, D, also serves as a means of attachment for the cultivator-handles F F.

G is a brace-bar of round iron, which is inserted transversely through the slotted end of the plow-beam and connects the shouldered parts *cc* of the side irons, C C, thus bracing the latter, each of which has a shovel, C', at its lower end. The forward end of the back iron

or shank, B, has a hole or round aperture, *d*, through which brace G passes, as shown in Fig. 4.

H is a yoke, which passes around the rear end of the slotted plow-beam and up to the handles F F, to which its ends are bolted or otherwise secured, thus bracing the handles and holding them rigidly in position at the proper angle, while at the same time its lower part or shoe, which passes around the rear end of the slotted tongue or beam A, prevents it from splitting or breaking. This lower end or shoe of the yoke, where it is connected to the beam, has a series of holes, *h*, through which a bolt or pin, *i*, may be inserted, which passes through a hole, *k*, in shank B, as shown more clearly in the sectional view, Fig. 3. This construction permits of the vertical adjustment of the rear end of shank B with its plow or shovel for the purpose of regulating the elevation of the front end of the beam, to which the draft is applied, and thereby regulating the "pitch" or "set" of the shovels in a simple and expeditious manner.

Having thus described my improvement, I do not claim broadly a cultivator having one or more adjustable drag-bars or shovel-beams, as I am well aware that is old; but

What I claim, and desire to secure by Letters Patent of the United States, is—

In a walking-cultivator, the combination, with the cultivator-frame composed of the beam or tongue A, slotted longitudinally at *a*, fixed and shouldered shovel-beams C C, and handles F F, braced by the yoke or stirrup H, straddling the rear end of the slotted beam A, and having perforations *h h*, of the vertically-adjustable middle beam, B, pivoted in the slotted tongue at *d* and adjustable by the bolt *i*, in the manner and for the purpose herein shown and specified.

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

BLUFORD ANDREW TABER.

Witnesses:

J. T. RICHARDSON,
A. I. UNDERHILL.