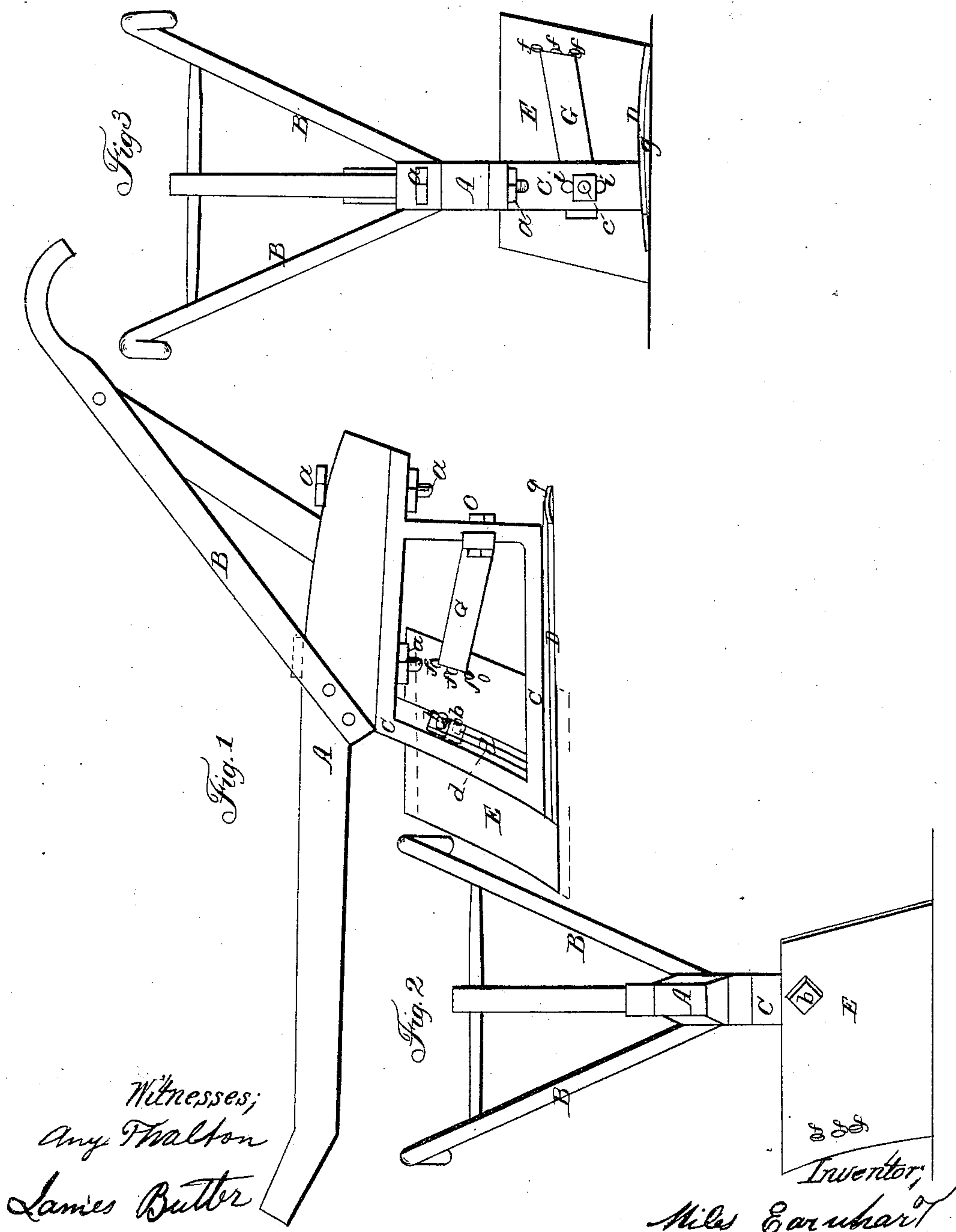


M. EARNHART.

Shovel-Plow.

No. 26,096

Patented Nov. 15, 1859.



UNITED STATES PATENT OFFICE.

MILES EARNHART, OF COLDWATER, MISSISSIPPI.

IMPROVEMENT IN COTTON-SCRAPERS.

Specification forming part of Letters Patent No. 26,096, dated November 15, 1859.

To all whom it may concern:

Be it known that I, MILES EARNHART, of Coldwater, in the county of Marshall and State of Mississippi, have invented a new and Improved Cotton-Scraper; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification—

Figure 1 being a side elevation of my improved cotton-scraper; Fig. 2, a front elevation thereof; Fig. 3, a rear elevation thereof.

Like letters designate corresponding parts in all the figures.

A beam, A, of ordinary construction is provided, to which are attached handles B B in the usual manner.

The principal parts of the scraper consist of a stock or landside, C, bottom D, and mold-board E, arranged and combined as follows:

The stock C of the scraper may be made from a single bar of metal bent into the shape represented in Fig. 1, and secured to the under side of the beam by bolts and nuts *a a*.

The bottom D is secured to the bottom of the stock and is made concave on its under side, the concavity *g* extending longitudinally the whole length thereof.

The mold-board E is of ordinary shape, and is secured to the front of the stock with a double adjustment. A bolt, *b*, passes through near its left-hand end, and through a slot, *d*, Fig. 1, in the stock, and is secured by a nut. The slot is of sufficient length to allow any necessary amount of adjustment of the left-hand end of the mold-board. A set of holes, *f f f*, is also made in the mold-board near its right-hand end, as represented, to receive the nose or tenon *h* of a brace, G, which extends back

and bears against the rear standard of the stock C, to which it is rigidly secured by a bolt and nut, *c*. Thus by loosening the nut on the bolt *b*, which passes through the slot *d*, and changing the nose *h* of the brace G to any one of the holes *f f f*, the right-hand end of the mold-board E can be adjusted to any position desired. Therefore, by both of these adjustments, either end of the mold-board can be raised or lowered separately, or both together, to any required extent.

A set of holes, *i i i*, may be made in the rear standard of the stock, through which the bolt *c* passes, so that the brace G can be raised or lowered, if desired, to vary the adjustment produced by the holes *f f f*.

The concave bottom D prevents the scraper from being thrown out of the ground by stones or other obstructions, and keeps the mold-board from sinking too deeply into the ground. The more the lower edge of the mold-board projects below the bottom the deeper it cultivates, and by adjusting the ends thereof separately, as above described, the whole scraper is made to run easily and trimly.

What I claim as my invention, and desire to secure by Letters Patent, is—

The arrangement and combination of the double adjustments of the mold-board E with the stock C and rigid supporting-brace G, substantially as and for the purpose herein specified.

In witness that the above is a true specification of my improved cotton-scraper I hereunto set my hand this the 1st day of June, 1859.

MILES EARNHART.

Witnesses:

BASSETT G. LAURENCE,
H. I. HUMPHRIES.