

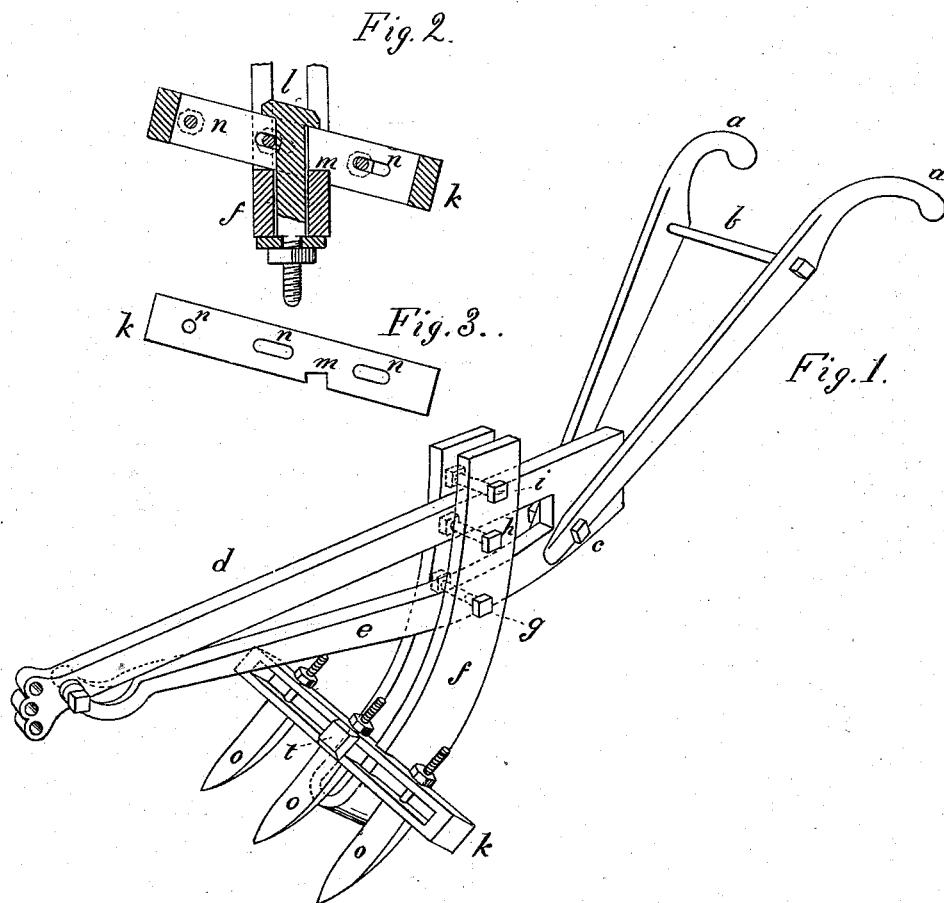
(No Model.)

J. J. MOTLEY.

CULTIVATOR.

No. 264,957

Patented Sept. 26, 1882.



WITNESSES  
*Ellette Anderson.*  
*B. J. Coyle*

*John J. Motley* INVENTOR  
*By J. H. Miller* Attorney

# UNITED STATES PATENT OFFICE.

JOHN J. MOTLEY, OF SALISBURY, NORTH CAROLINA.

## CULTIVATOR.

SPECIFICATION forming part of Letters Patent No. 264,957, dated September 26, 1882.

Application filed March 4, 1882. (No model.)

### *To all whom it may concern:*

Be it known that I, JOHN JEFFERSON MOTLEY, a citizen of the United States, residing at Salisbury, in the county of Rowan and State of North Carolina, have invented certain new and useful Improvements in Shovel-Plows or Cultivators; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the invention, reference being had to the accompanying drawings, and to the letters or figures of reference marked thereon, which form a part of this specification.

The object of my invention is to form a durable, light, and easily-constructed plow-frame, which may be used also as a frame for a side harrow, or a cotton-scraper, or a bull-tongue or shovel plow, at discretion.

It consists of the parts and combinations, hereinafter fully described.

Figure 1 of the drawings is a perspective view of the plow. Fig. 2 is a section showing the method of securing the cross-bar to the standard. Fig. 3 is the cross-bar to which the plow-teeth are to be attached.

The handles *a* are made of wood in the ordinary manner. The brace-rod is shown at *b*. These handles are attached to the beam by the bolt and nut *c*.

The beam *d e* is constructed of square or round iron, the upper rod, *d*, being straight and having the clevis or draft-hook attached to its forward end. The lower rod, *e*, of the beam is bent upward, somewhat in the form of a bow, as shown in the drawings, and is firmly secured to the upper rod at its forward end by a bolt or any suitable device. The rear end may be welded to the upper rod, or the two rods may be made of one piece of iron bent at the rear.

The stock or standard *f* is pivoted upon the lower rod of the beam by means of the bolt *g*. This standard is also made of iron, three-quarters by half inch, bent at its lower end, so as to form two arms, embracing both rods of the beam. The bolt *g* passes through both arms of the standard and the lower rod of the beam, and the bolts *h* and *i* also pass through these arms and above and below the upper rod, keeping the standard in position.

The double cross-bar *k*, also constructed of three-quarter by half inch iron, is attached to the standard by means of the bolt *l*. This cross-bar is provided with an oblique notch or groove, *m*, fitting to one of the arms of the standard, so as to give it the proper angle and bring the outer teeth into an advanced position. It has also slots *n* passing through both parts, through which the shanks of the teeth *o* are passed. These shanks terminate in screws, and are held in the bar by means of nuts. The slots *n* are elongated, so as to allow of such adjustment of the teeth as the workman may find desirable. The teeth are made in the usual manner, of steel or iron.

I claim as of my invention and desire to secure by Letters Patent—

The double beam *d e*, formed of the straight upper rod, *d*, and the lower arched rod, *e*, in combination with the bent and curved standard *f*, pivoted on the lower rod, *e*, of the beam by the bolt *g*, and provided with the bolts *h* and *i*, the one passing under and the other above the upper rod, *d*, substantially as shown and described, and for the purposes set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN JEFFERSON MOTLEY.

Witnesses:

JESSE W. EARNHARDT,  
BENJAMIN F. POTIET.