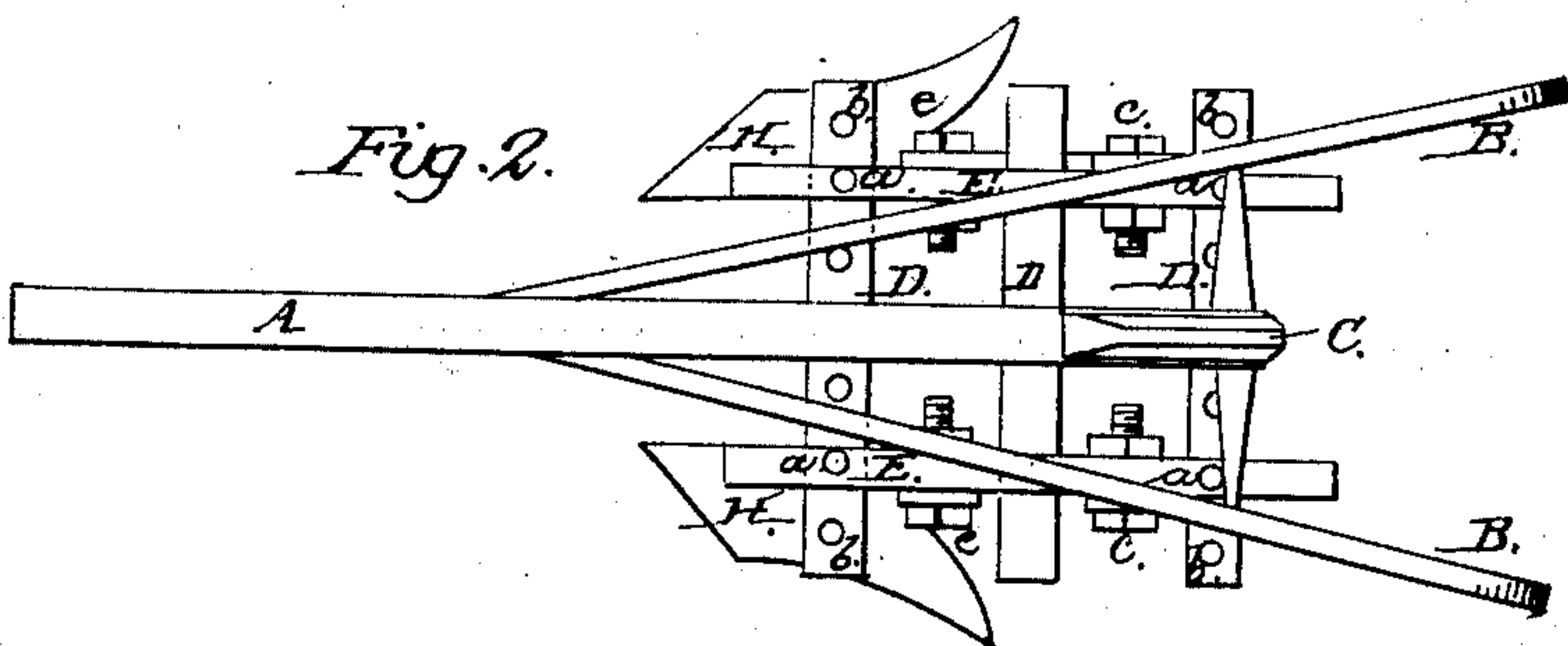
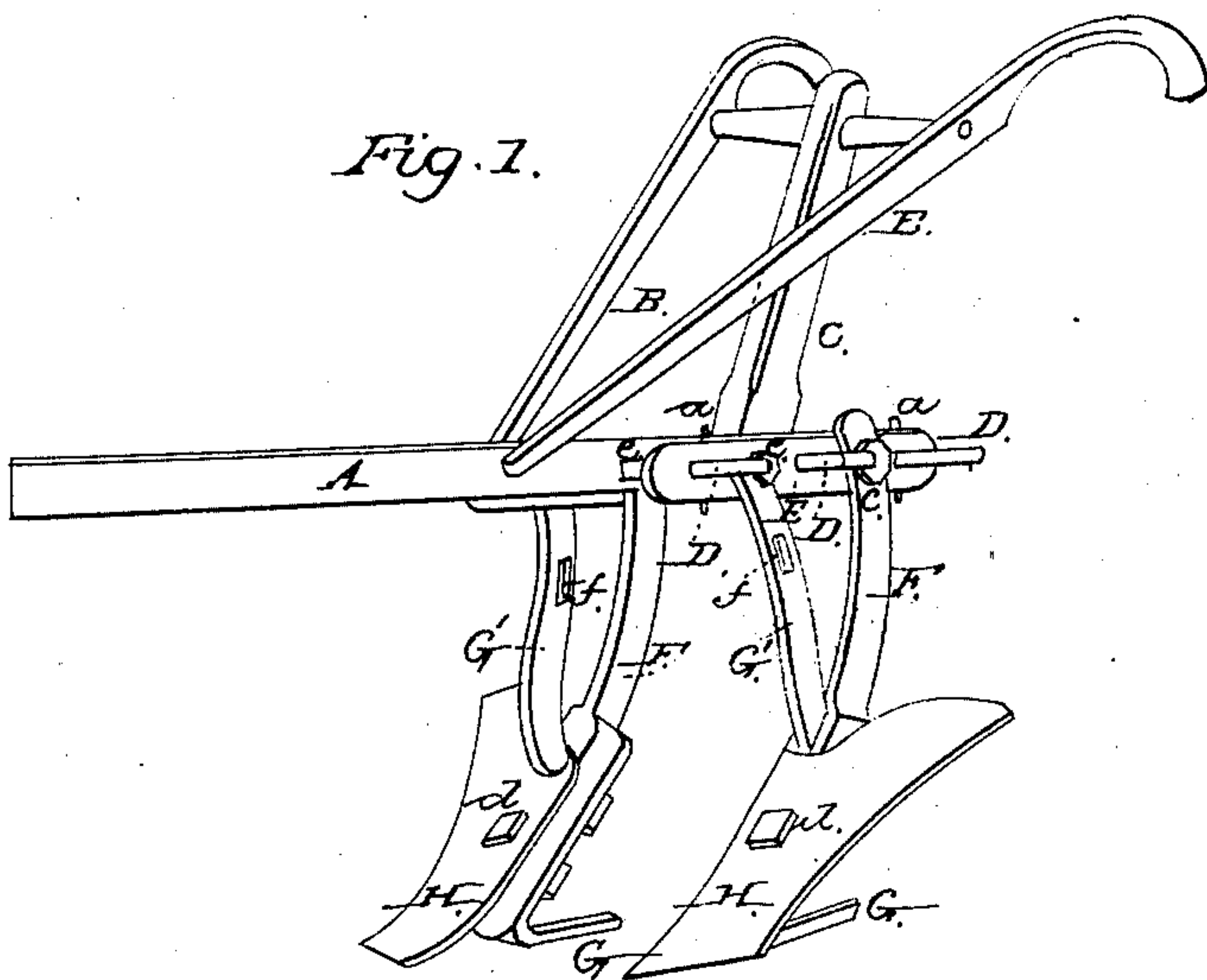


MOORE & SALTERWHITE.

Cultivator.

No 30,748.

Patented Nov 27. 1860.



Witnesses:
J. W. Coombly
R. S. Spencer

Inventors:
W. H. Moore
Alexr Salterwhite
per Murray & Co

UNITED STATES PATENT OFFICE.

M. H. MOORE AND A. SATTERWHITE, OF ROME, GEORGIA.

IMPROVEMENT IN CULTIVATORS.

Specification forming part of Letters Patent No. 30,748, dated November 27, 1860.

To all whom it may concern:

Be it known that we, M. H. MOORE and ALEXANDER SATTERWHITE, of Rome, in the county of Floyd and State of Georgia, have invented a new and Improved Cultivator-Plow; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a perspective view of our invention; Fig. 2, a plan or top view of the same.

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

This invention relates to a new and improved arrangement of means whereby two plows may be readily adjusted nearer together or farther apart, as circumstances may require, and also adjusted so that they may have a greater or less inclination to vary their depth in the earth, as may be desired.

To enable those skilled in the art to fully understand and construct our invention, we will proceed to describe it.

A represents a beam, which has two handles, B B, attached to it and braced by a bar, C, as shown clearly in Fig. 1.

Through the back part of the beam A there passes transversely three bars, D D D, which are permanently secured in the beam, and the outer parts of the bars D pass through bars E E, which are parallel with the beam A, a bar, E, being at each side of it, as shown clearly in Fig. 2. The bars E E are secured on the bars D by pins *a*, which are fitted in holes *b* in the bars D, a series of holes *b* being made in the bars D, so that the bars E may be adjusted nearer to or farther from the beam A, the bars E being allowed to slide freely on the bars D.

To each bar E there is attached a metal bar

or foot, F. These feet F F are curved from and are attached at their upper ends to the bars E by bolts *c*. To the lower part of each foot F a bent bar, G, is attached, the bottom part of which projects backward horizontally from the feet F, as shown in Fig. 1, and serves as landsides.

H H are the plows, which are secured to each foot F by bolts *d*, and to each foot F just above its plow H there is attached a bar, G, the upper ends of which are connected to the bars E by bolts *e*, which may pass through either of a series of holes, *f*, in the bars I.

From the above description it will be seen that in order to adjust the plows nearer together or farther apart all that is required is to move the bars E E or the bars D, and in order to regulate the depth of the plows they are adjusted in a more or less inclined position by inserting the bolts *e* through the proper holes *f*.

By the arrangement of the bars D D D and E E, as shown and described, a very stiff and firm framing is obtained, one well calculated to resist all strains and racking liable to arise from concussions and sudden jerks and stoppages to which the plows are more or less subjected. At the same time the plow may be very cheaply constructed.

Having thus described our invention, what we do claim as new, and desire to secure by Letters Patent, is—

The arrangement of the bars D D D E E, beam A, and feet F, with the bars G' attached, the two latter parts being secured to the bars E E, as and for the purpose herein set forth.

M. H. MOORE.

ALEXANDER SATTERWHITE.

Witnesses:

R. T. HARGROVE,

JOHN MCBRYDE.