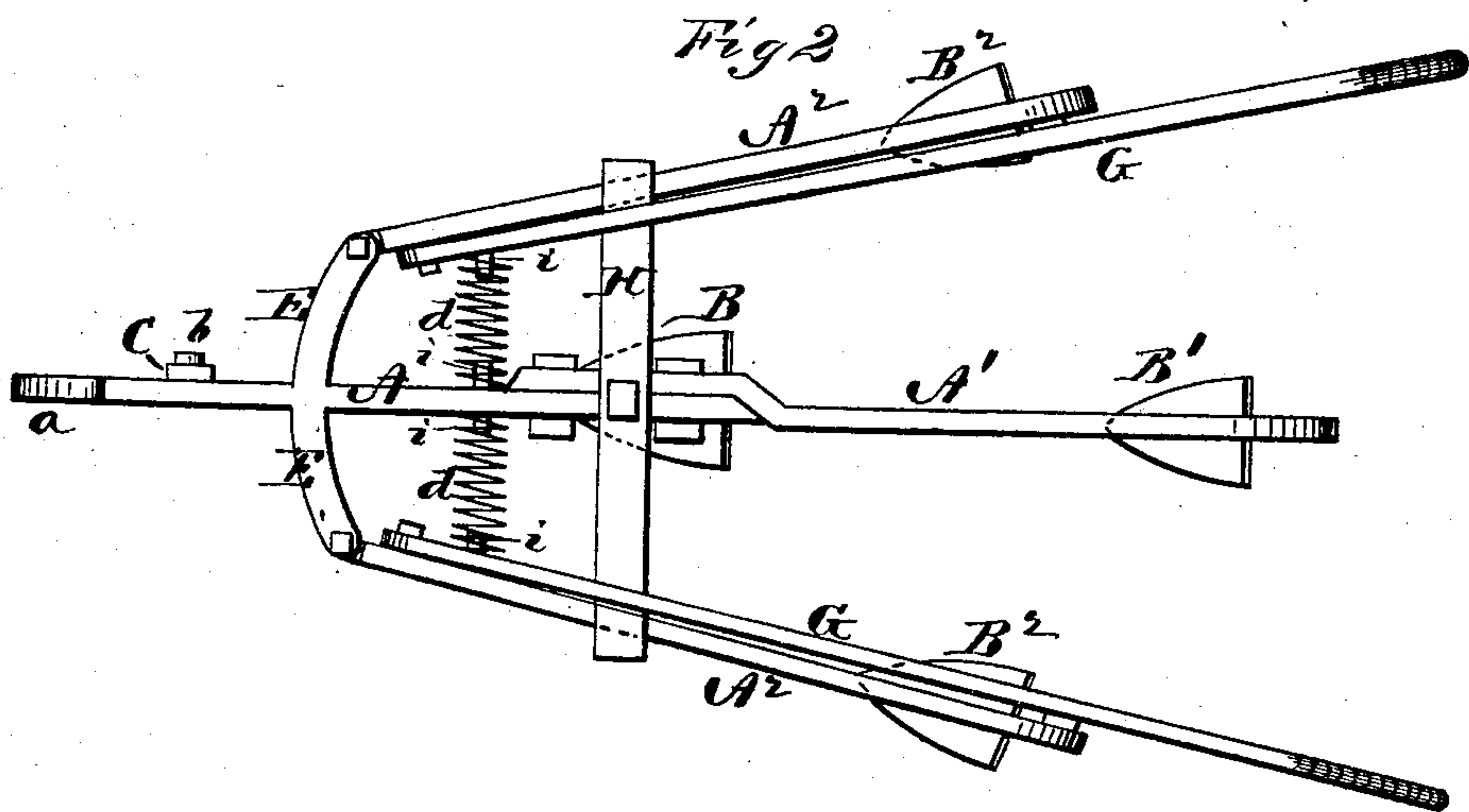
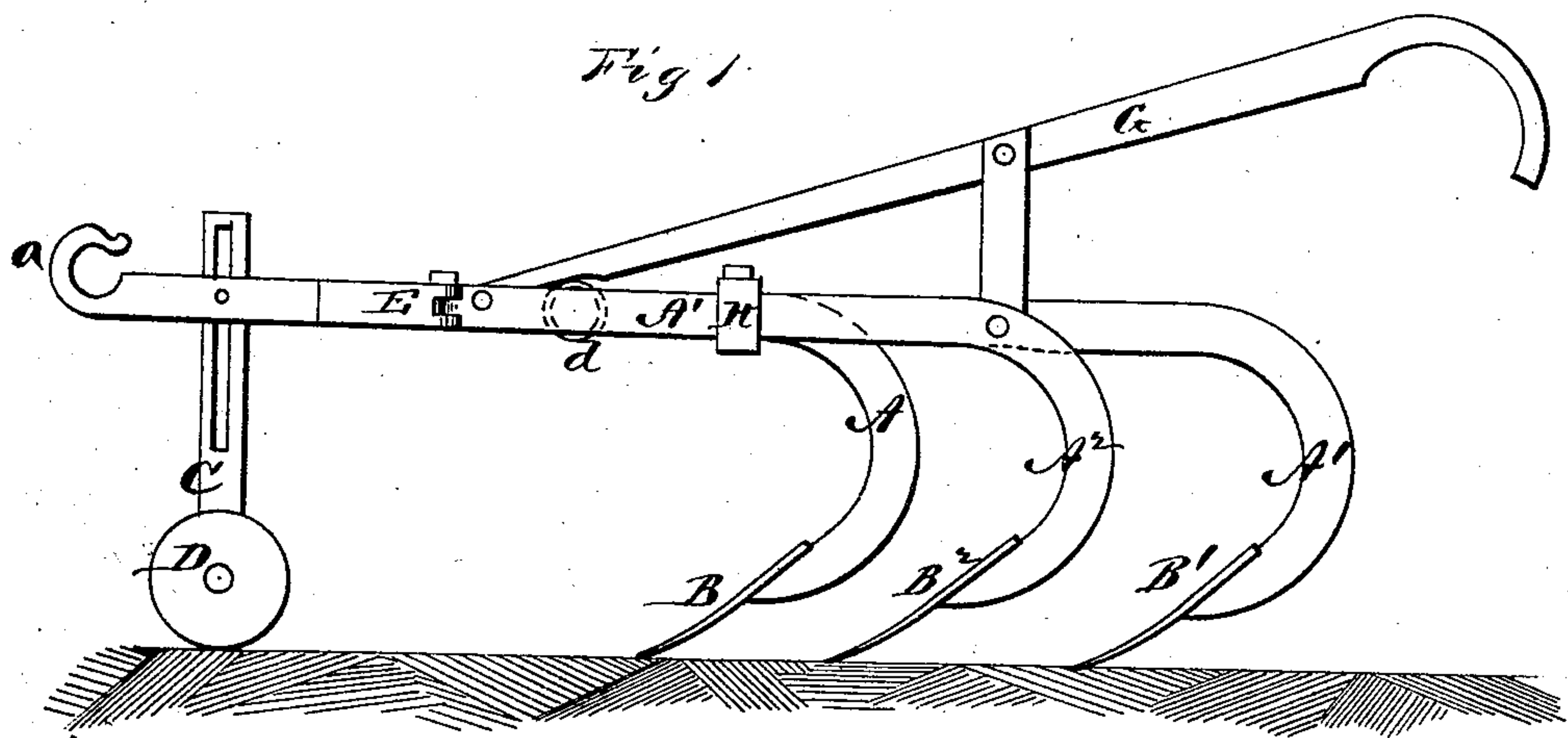


J. A. BARNETT.

Corn-Plows.

No. 149,181.

Patented March 31, 1874.



WITNESSES.

Francis L. Ourand
C. L. Ewert.

By

INVENTOR

Joseph A. Barnett
Alexander Mason

Attorneys.

UNITED STATES PATENT OFFICE.

JOSEPH A. BARNETT, OF CLAYSVILLE, OHIO.

IMPROVEMENT IN CORN-PLOWS.

Specification forming part of Letters Patent No. **149,181**, dated March 31, 1874; application filed February 4, 1874.

To all whom it may concern:

Be it known that I, JOSEPH A. BARNETT, of Claysville, in the county of Guernsey and in the State of Ohio, have invented certain new and useful Improvements in Corn-Plow; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a corn-plow, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side elevation, and Fig. 2 a plan view, of my plow.

A represents an ordinary curved plow-beam with shovel-plow B attached to its lower end. To the side of the beam A is attached a second beam, A¹, provided with shovel-plow B¹. This beam A¹ is bent at the front end where it is united to the beam A, so as to extend on a straight line therewith. The beam A is formed at its front end with a hook, *a*, for the attachment of the team, and to the side of the beam is fastened a slotted standard, C, carrying at its lower end a wheel, D. The standard C is attached to the beam by a set-screw, *b*, and may be adjusted up and down as desired, the wheel D thus gaging the depth at which the plows are to work. At a suitable point on the beam A project side arms E E, at the outer end of each of which is hinged

a curved plow-beam, A², provided with a plow, B². G G represent the handles, suitably attached and braced one to each of the side beams A². Each of these beams A² passes through one end of a guide-frame, H, which is attached to the center beam A. Between the center beam A and each of the side beams A² is placed a spiral spring, *d*, held by means of lugs or pins *i i*, which springs hold the beams A² out against the ends of the frame H.

By this construction the operator can at any time move either of the side bars A² inward to avoid obstruction, or when, on account of irregularities in the furrows, the side plows would get too close to the corn. As soon as they have passed such places the springs throw the side beams outward again.

Springs may be interposed between each side beam A² and the end of the frame H, to allow of the side beams being moved outward as well as inward from their normal position.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the center beam A, with beam A¹ attached to it, arms E E, frame H, hinged side beams A², handles G, and springs *d*, all constructed substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 20th day of January, 1874.

JOSEPH A. BARNETT. [L. S.]

Witnesses:

T. J. HUKILL,

JOHN ST. CLAIR.