(No Model.)

A. G. COX & R. A. JOHNSON.

PLOW.

No. 259,292. Patented June 13, 1882.

Fig. 1.

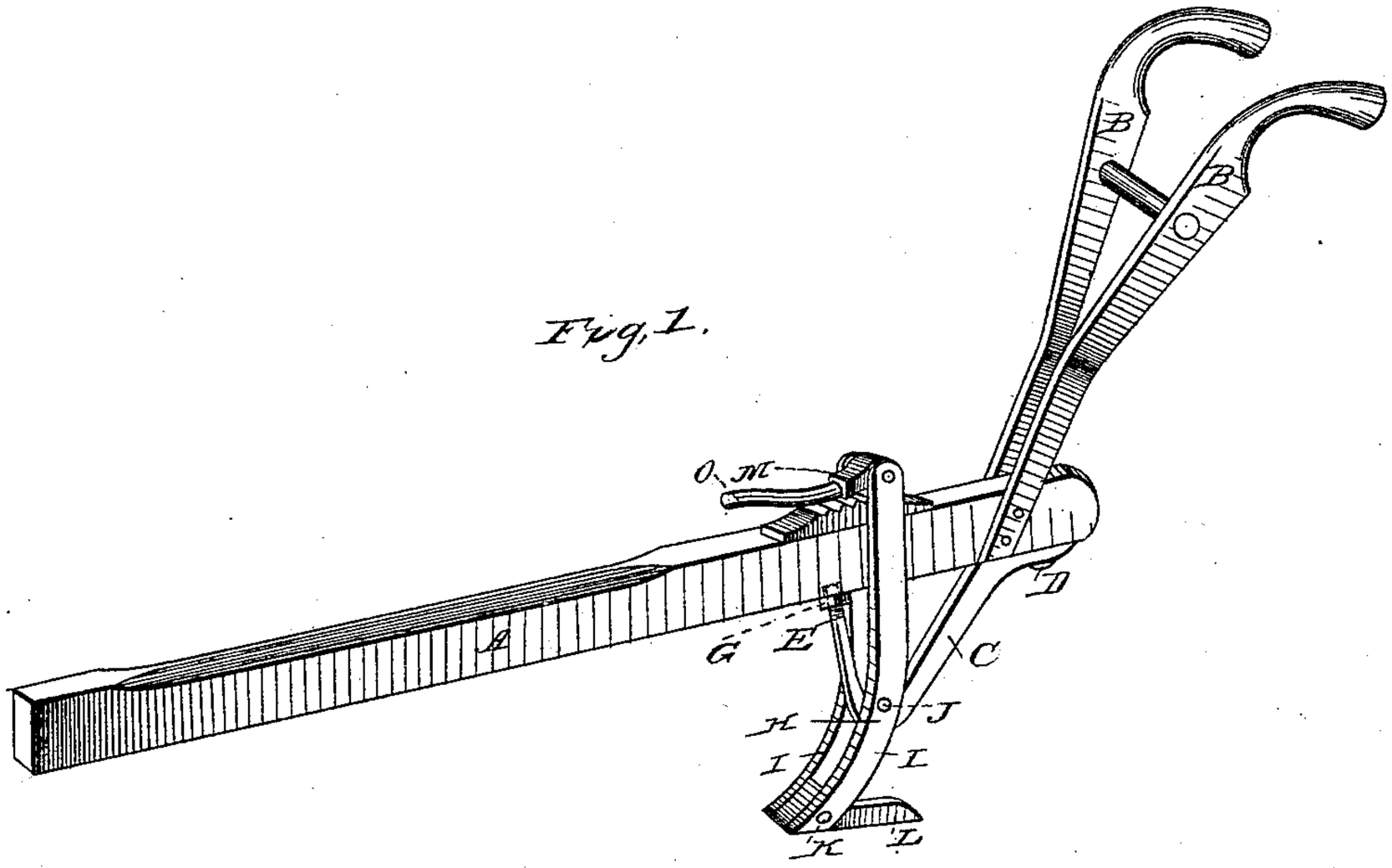
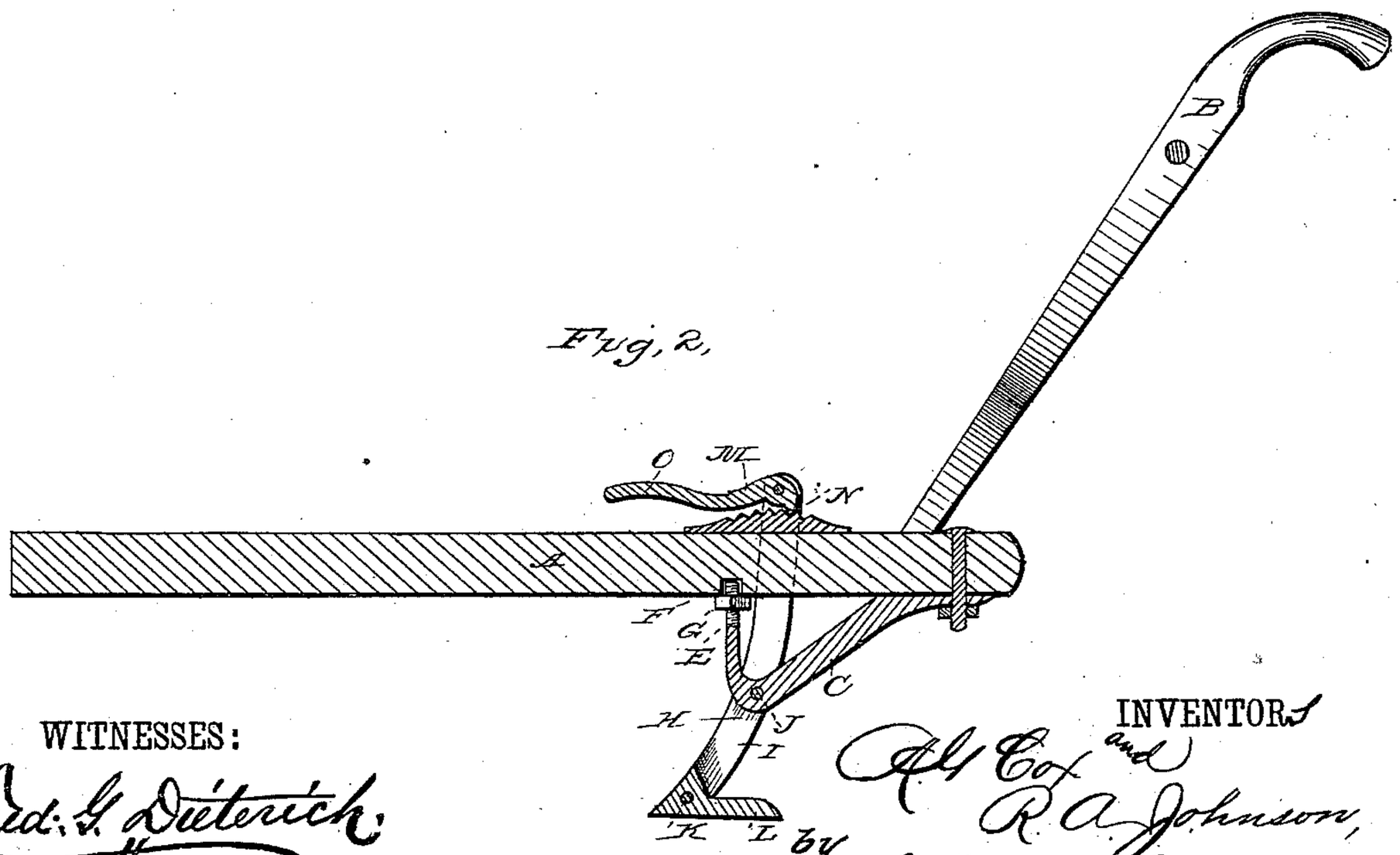


Fig. 2.



WITNESSES:

Fred. L. Dieterich.

Jno. W. Stockett.

INVENTORS

A. G. Cox and

R. A. Johnson,

by C. A. Snow & Co. ATTORNEYS.

UNITED STATES PATENT OFFICE.

ANDREW G. COX AND RICHARD A. JOHNSON, OF NEWNAN, GEORGIA.

PLOW.

SPECIFICATION forming part of Letters Patent No. 259,292, dated June 13, 1882.

Application filed April 19, 1882. (No model.)

To all whom it may concern:

Be it known that we, ANDREW G. COX and RICHARD A. JOHNSON, of Newnan, in the county of Coweta and State of Georgia, have invented certain new and useful Improvements in Plows; and we 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.

Figure 1 is a perspective view, and Fig. 2 is a longitudinal sectional view.

Similar letters of reference indicate corresponding parts in both figures.

This invention relates to plows; and it consists in certain improved means whereby the standard may be set and retained at any desired angle in relation to the beam, as will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings hereto annexed, A represents the beam, which is provided with handles B B.

C is a V-shaped bracket, or a bracket of any suitable construction, which is secured under the beam A by a bolt, D, at its rear end. The front end of bracket C has a vertical screw-threaded termination, E, which enters a recess, F, in the under side of the beam. A nut, G, adjusted upon the threaded end E, may be tightened up against the under side of the beam.

The standard H consists of two bars, I I, pivoted to the sides of the bracket C by a bolt, J, passing through said bars and the bracket. The lower ends of the bars I are connected by a bolt, K, upon which is pivoted the shoe L, to which the blade may be attached. Between the upper ends of the bars I is pivoted a cam-lever, M, having a tooth, N, and handle O.

P is a segmental block secured on the upper side of the beam A, and having a series of recesses, Q, to receive the tooth N of the cam-lever M.

The operation of our invention will be readily understood. By raising the handle O the tooth N is disengaged from the block P, and the standard H may be adjusted by swinging it upon the bolt J to any desired position in relation to the beam. By lowering or depressing the handle O the tooth M is caused to enter or engage one of the recesses Q, whereby it is held firmly, thus retaining the standard in the position to which it may be adjusted. By tightening or loosening the nut G shrinkage or expansion of the plow-beam may be compensated for, thus causing the cam-lever always to engage the notched segmental block with certainty, so as to retain the standard securely in position, and yet without undue strain.

Having thus described our invention, we claim and desire to secure by Letters Patent of the United States—

1. The combination of the plow-beam A, having segmental block P, provided with recesses Q, and V-shaped bracket C, the standard H, consisting of bars I, pivoted to the sides of bracket C, and the cam-lever M, pivoted between the upper ends of the bars I, and having handle O and tooth N engaging the recessed block P, as set forth.

2. The combination, with the plow-beam, of the bracket C, having its rear end secured permanently to said beam and its forward screw-threaded end adjusted in a recess in said beam, and provided with a nut, G, and the standard H, pivoted to said bracket, and provided at its upper end with a toothed cam-lever engaging a segmental notched block on the upper side of the beam, as and for the purpose set forth.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in presence of two witnesses.

ANDREW G. COX.
RICHARD A. JOHNSON.

Witnesses:
ROBT. S. BURCH,
JOHN W. POWELL.