

R. A. BLAIR & J. B. REED.  
 PLOW CLEVIS.

No. 33,066.

Patented Aug. 20, 1861.

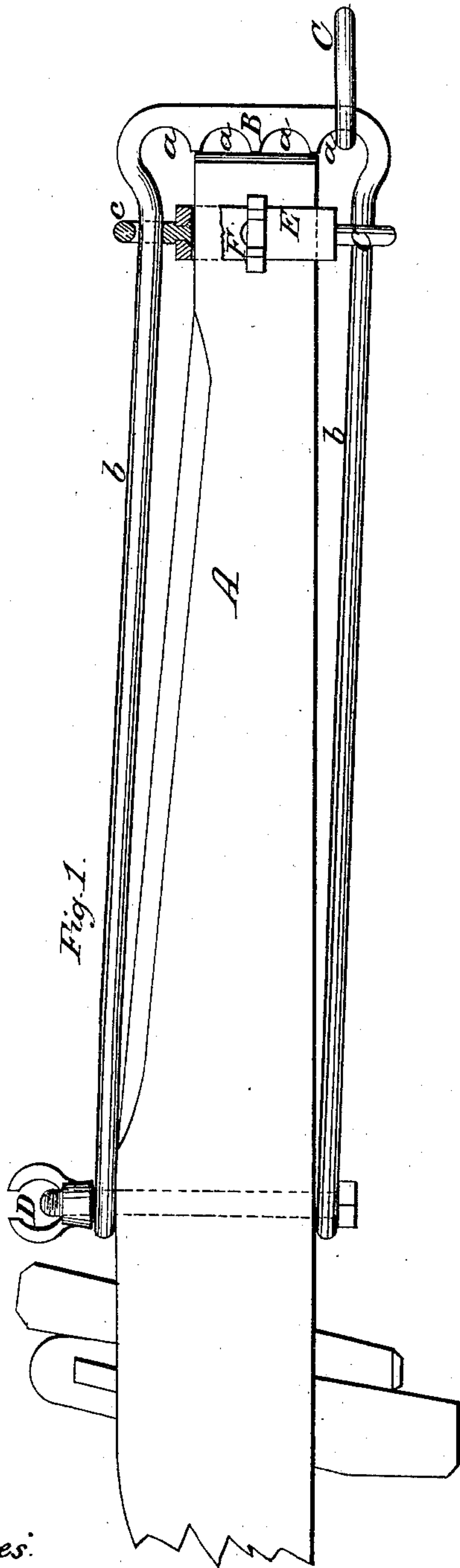


Fig. 1.

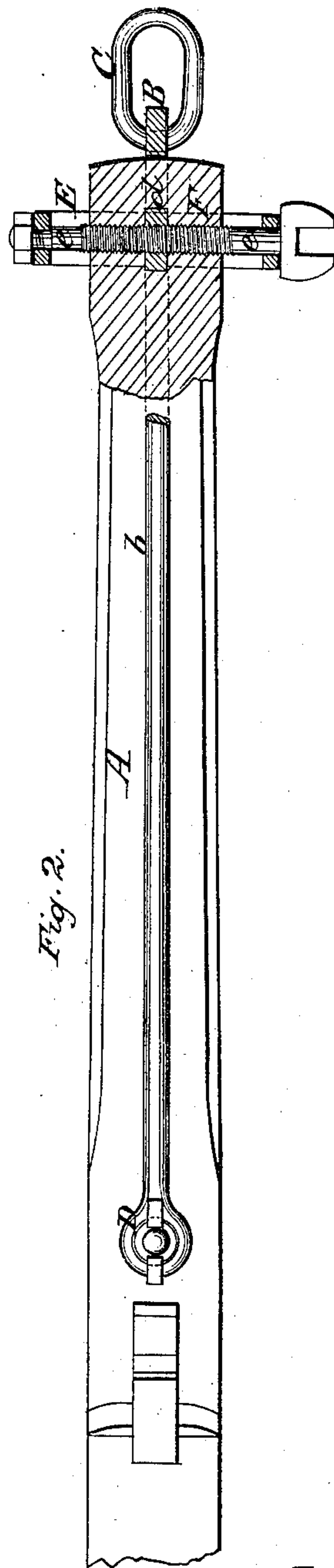


Fig. 2.

Witnesses:

J. W. Coombs.  
 W. Tusch.

Inventors.

R. A. Blair  
 J. B. Reed.  
 per Wm. & C. Camp

# UNITED STATES PATENT OFFICE.

R. A. BLAIR AND JNO. B. REED, OF NEW PHILADELPHIA, OHIO.

## IMPROVEMENT IN PLOW-CLEVISES.

Specification forming part of Letters Patent No. 33,066, dated August 20, 1861.

*To all whom it may concern:*

Be it known that we, R. A. BLAIR and JOHN B. REED, both of New Philadelphia, in the county of Tuscarawas and State of Ohio, have invented a new and Improved Plow-Clevis; 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 side view of our invention, a small portion being in section. Fig. 2 is a plan or sectional view of the same.

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

The object of this invention is to obtain a plow-clevis which will be capable of being very nicely graduated, in order to give the plow "more or less land," as it is technically termed, in order to turn a slice of the required width.

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

A represents a plow-beam, which may be constructed, in the usual way, of wood; and B is the clevis, which is of iron, the front part being provided with a series of notches, *a*, any of which may receive the draft hook or ring C. The clevis B is of the usual form, as will be seen by referring to Fig. 1; but its rods or shanks *b b*, instead of being short, as hitherto, extend a considerable distance back, and are secured by a bolt, D, to the beam A, near the plow-standard.

E represents a rectangular metal clasp, which is fitted on the front part of the beam A, and allowed to slide freely thereon in a direction

transversely with the beam. This clasp E has an eye, *c*, at its upper and lower end, said eyes being at the center of the clasp, and the rods or shanks *b b* of the clevis passing through them, as shown in Fig. 1.

F is a screw-rod, which passes horizontally through the front part of the beam A and through a nut, *d*, which is fitted in the beam A, as shown in Fig. 2. The screw-rod F also passes through the sides of the clasp E, and is allowed to turn freely therein, the screw-rod having smooth journals *e e* at its ends, which fit in the clasp E. By this arrangement it will be seen that the clevis B may be shifted or adjusted either to the right or left by turning the screw-rod F, the latter moving the clasp E, and the clasp moving the clevis. Thus the clevis may be very nicely graduated in its movement either to the right or left, as may be required.

The depth of the furrow is graduated by adjusting the hook or ring C higher or lower in the clevis. The higher the hook or ring the deeper the plow will enter the earth, and vice versa.

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

The employment or use, in combination with the clevis B, of the clasp E and screw-rod F, the whole being applied to the beam A of the plow, substantially as and for the purpose set forth.

ROSS A. BLAIR.  
JOHN B. REED.

Witnesses:

J. A. THOMPSON,  
JOHN W. MORROW.