

G. W. Horton.

Plow Clevis.

N^o 89,407.

Patented Apr. 27, 1869.

Fig. 1.

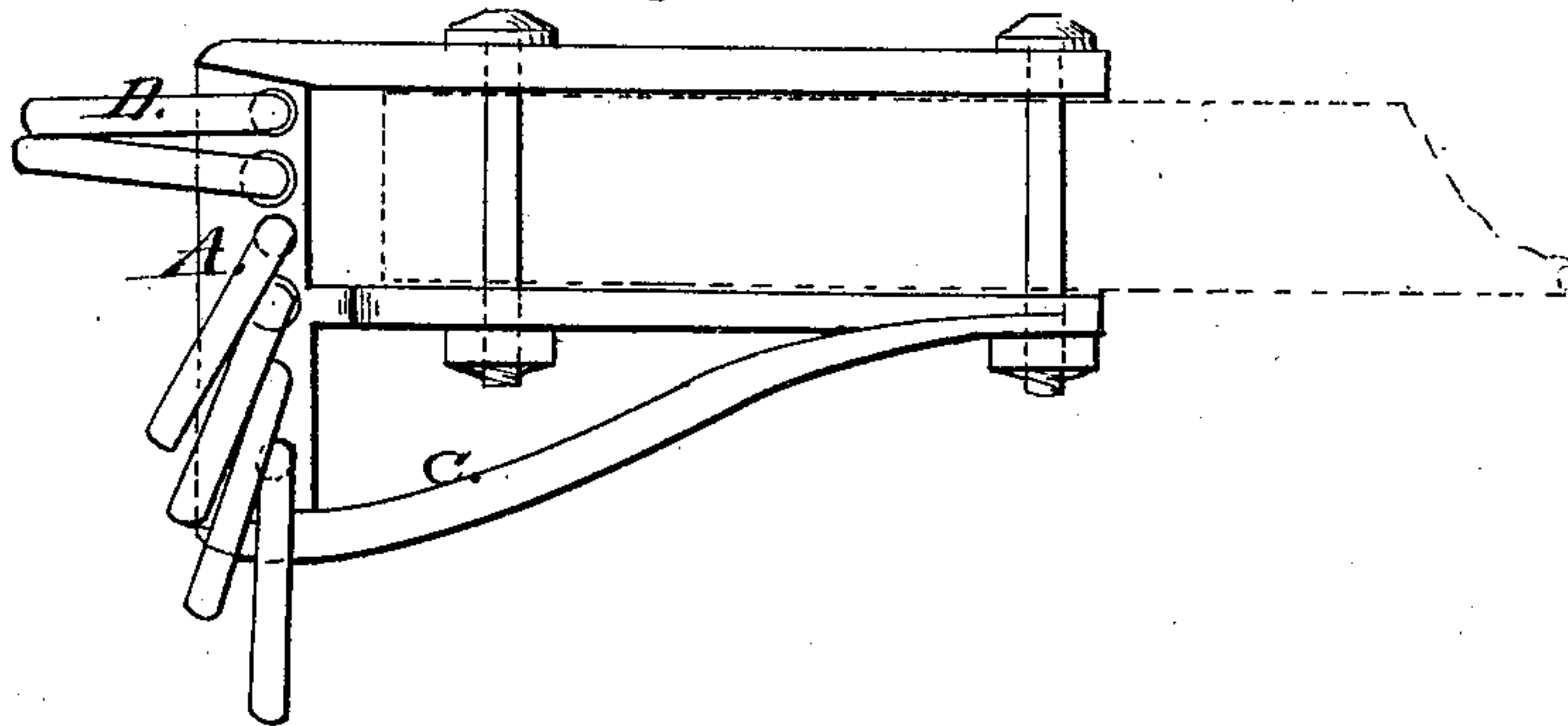
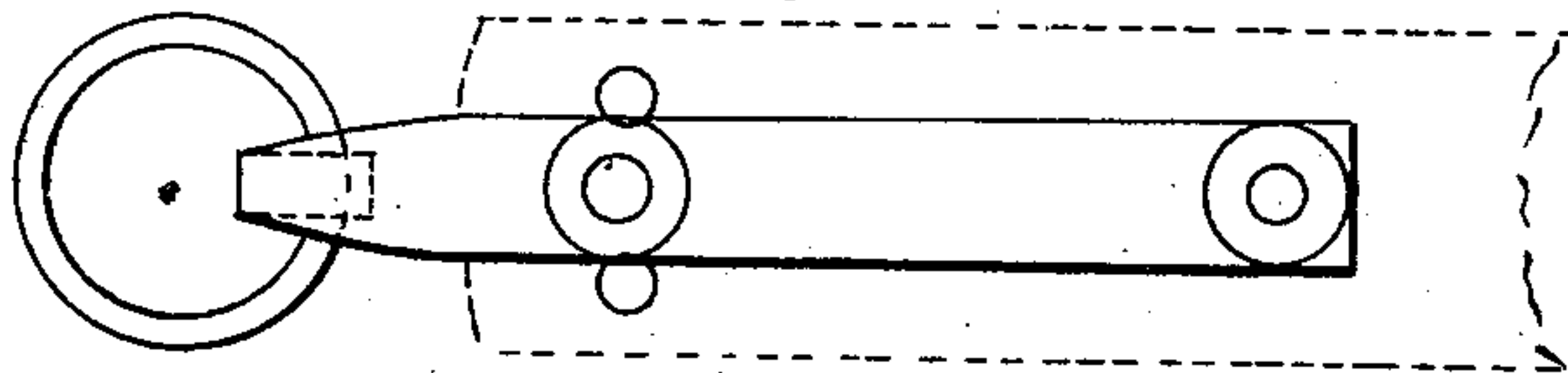


Fig. 2.



Witnesses:

John F. Brooks
C. Green Collins

Inventor:

G. W. Horton
by Munn & Co.
Attorneys.



G. W. HOLTON, OF BERLIN, KENTUCKY.

Letters Patent No. 89,407, dated April 27, 1869.

IMPROVEMENT IN CLEVIS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, G. W. HOLTON, of Berlin, in the county of Bracken, and State of Kentucky, have invented a new and improved Clevis for Plows; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to improvements in plow-clevises, designed to provide an improved arrangement for varying the depth of cutting.

The invention consists in making the end-bar of the clevis considerably longer than the present construction, preferably arranging the elongation below the part engaging the plow-beam, and providing, in the said end, as many hitching rings as it will support, by passing through transverse holes, and preserve a sufficient amount of strength.

The projecting end is strengthened by suitably bracing it.

Figure 1 represents a side elevation of my improved clevis, as applied to a plow-beam, and

Figure 2 represents a plan view of the same.

Similar letters of reference indicate corresponding parts.

The present arrangement of notches in the rear of the vertical end-bar of the clevis, for holding the ring or staple of the evener, permits only a few changes to be made in the draught within a very limited range,

owing to the breadth required of the said notches, and the projections between them.

To provide for a wider range of adjustment, and for accomplishing the same more easily, I extend the vertical bar A considerably below the lower horizontal bar B, bracing it thereto by a strap, C.

In the said vertical bar A, and transversely thereof, I arrange as many hitching-rings, D, as may be done, and preserve the strength required.

These rings require materially less space than the system of notches commonly employed, and thereby I am enabled to employ a much greater number of rings than notches, by which the changes may be graduated much more satisfactorily.

By this arrangement, it is more convenient to change from one gradation to another, which is accomplished by simply unhooking from one ring, and hooking into another, while the old plan requires the disengagement of the clevis from the plow-beam.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

Clevises, having the extended front bar provided with the hitching-rings D, and braced, all substantially as specified.

The above specification of my invention signed by me, this 16th day of February, 1869.

Witnesses:

J. N. WILEY,
R. T. HOUSTON.

G. W. HOLTON.