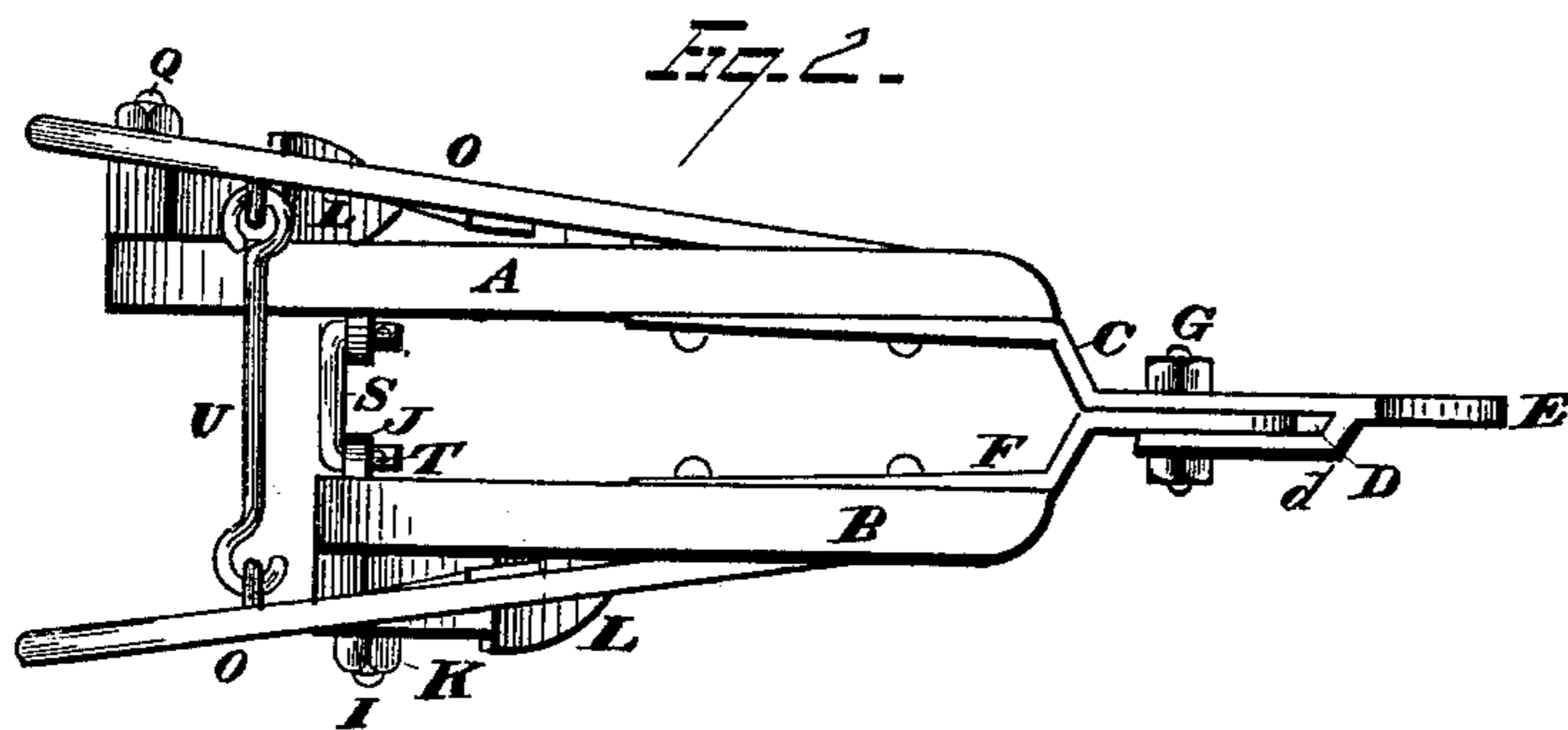
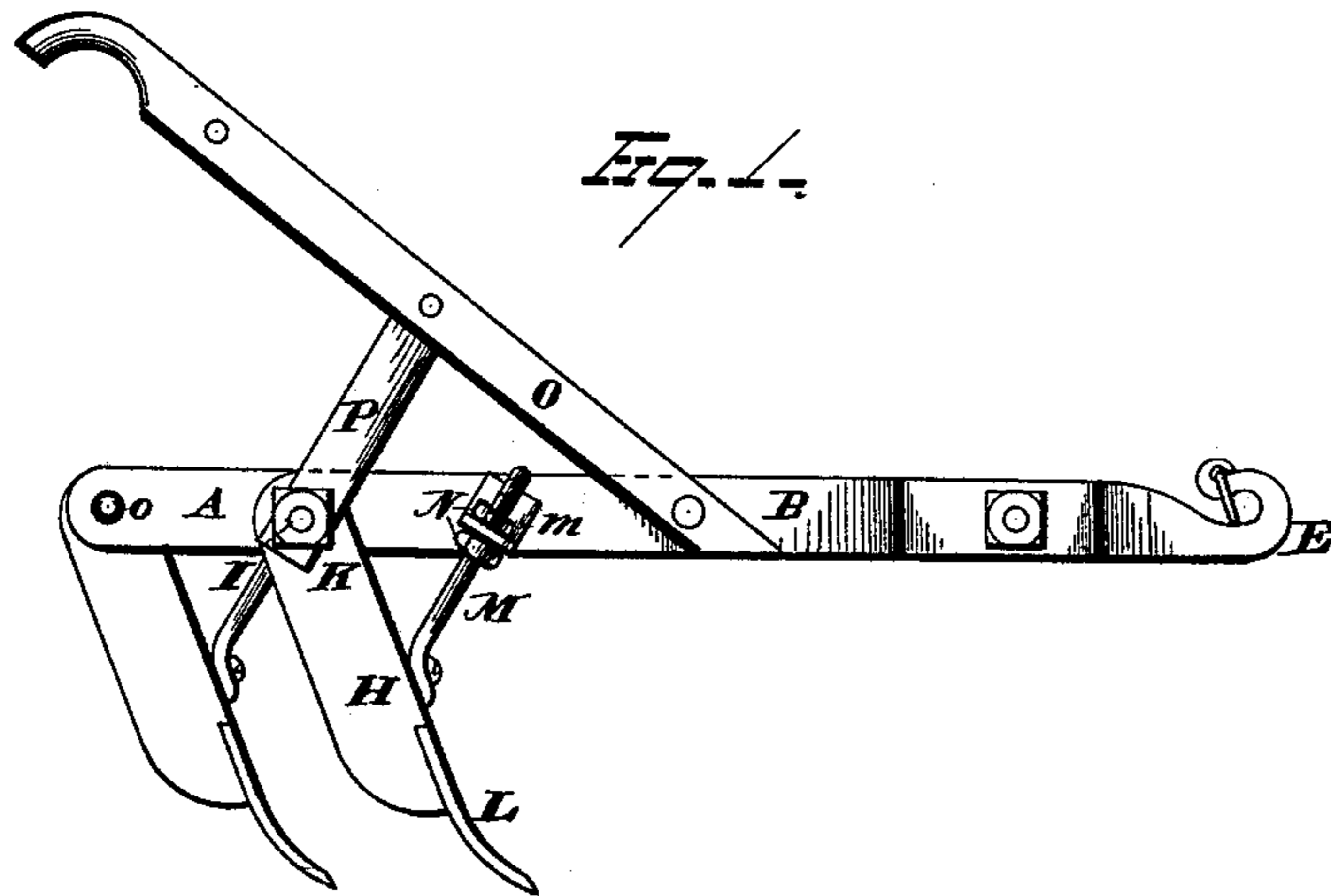


J. C. JENKINS.

PLOW.

No. 189,466.

Patented April 10, 1877.



WITNESSES

*Ed. J. Nottingham.*  
*A. W. Bright.*

INVENTOR

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# UNITED STATES PATENT OFFICE.

JOSEPH C. JENKINS, OF LEBANON, TENNESSEE.

## IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **189,466**, dated April 10, 1877; application filed February 26, 1877.

*To all whom it may concern:*

Be it known that I, JOSEPH C. JENKINS, of Lebanon, in the county of Wilson and State of Tennessee, have invented certain new and useful Improvements in Plows; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improved double-shovel plow.

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

A represents the main beam of the plow, and B the short beam of the same. To the inner side of the main beam A the clevis-bar C is firmly secured by bolts or in any suitable manner. A bridge, D, is secured at its forward end *d* to bar C in rear of the clevis E, the forward portion of the bridge, where it connects with the bar C, being formed obliquely to the length of the bar C in order to prevent the bridge catching on any obstacle when the plow is in use. To the forward portion of short beam B is secured a bar, F, the projecting end of which is perforated for the reception of a bolt, G, to secure said bar between the bridge D and clevis-bar E.

The joint thus formed by the bars is of great strength, and also is completely protected by the forward part of the bridge; and as the long and short beams are pivoted at their forward ends, the beams are adapted to have independent vertical movement, which is found to be a matter of great advantage in plowing over rough and uneven surfaces.

To the rear end of short beam B standard H is secured by means of a bolt, I, which latter consists of a metal rod screw-threaded at one end, while the opposite end has an eye, J, formed thereon for a purpose hereinafter described. After the standard H has been placed on the bolt I it is secured against lateral displacement by means of the nut K.

In order that the colter L may be adjusted to plow at different depths, a screw-threaded

brace-bolt, M, is rigidly secured to the standard H, the opposite end of said brace passing through an angle-iron, *m*, secured to the beam. Set-nuts N are placed on the brace-bar above and below said angle-iron, whereby the colter may be readily adjusted to any desired angle. Handle O is secured at its forward end to the short beam, while its rear end is supported by means of a brace, P, the lower end of which rests upon the end of bolt I. The colter attached to the main beam is adjustably secured thereto in the manner above described for securing the colter to the short beam, the bolt Q differing only in its being provided with a solid head, *o*, instead of having an eye formed thereon. The rear ends of the beams A and B are attached to each other by means of a locking-bar, S, the ends of which are bent at right angles to the body of the bar, and perforated for the reception of linchpins T. The handles may be strengthened by means of a hook, U, which is permanently connected to one handle, and is adapted to be hooked into an eye secured to the other handle.

Instead of employing the locking-bar S to secure the plow-beams together, it is evident that a rod might be permanently hinged to one beam and the opposite end of said rod removably secured to the opposite beam in any desired manner.

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

1. The beams of a double-shovel plow pivoted at their forward ends, said joint being protected by a bridge, substantially as and for the purpose set forth.

2. The combination of the plow-beams A B, bars C F, and bridge D, substantially as and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 19th day of February, 1877.

JOSEPH C. JENKINS.

Witnesses:

D. J. BARTON,  
J. R. SHORTER.