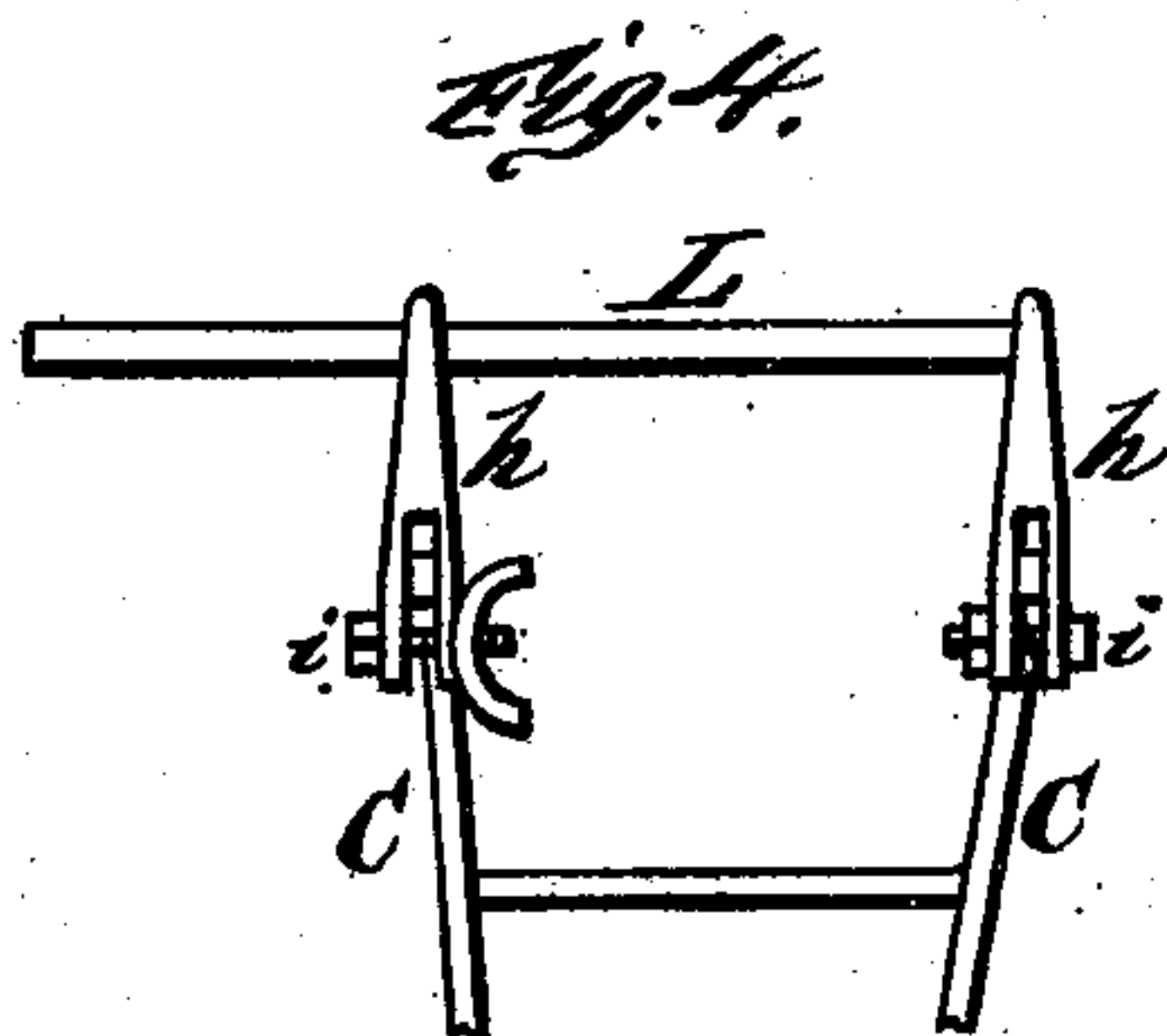
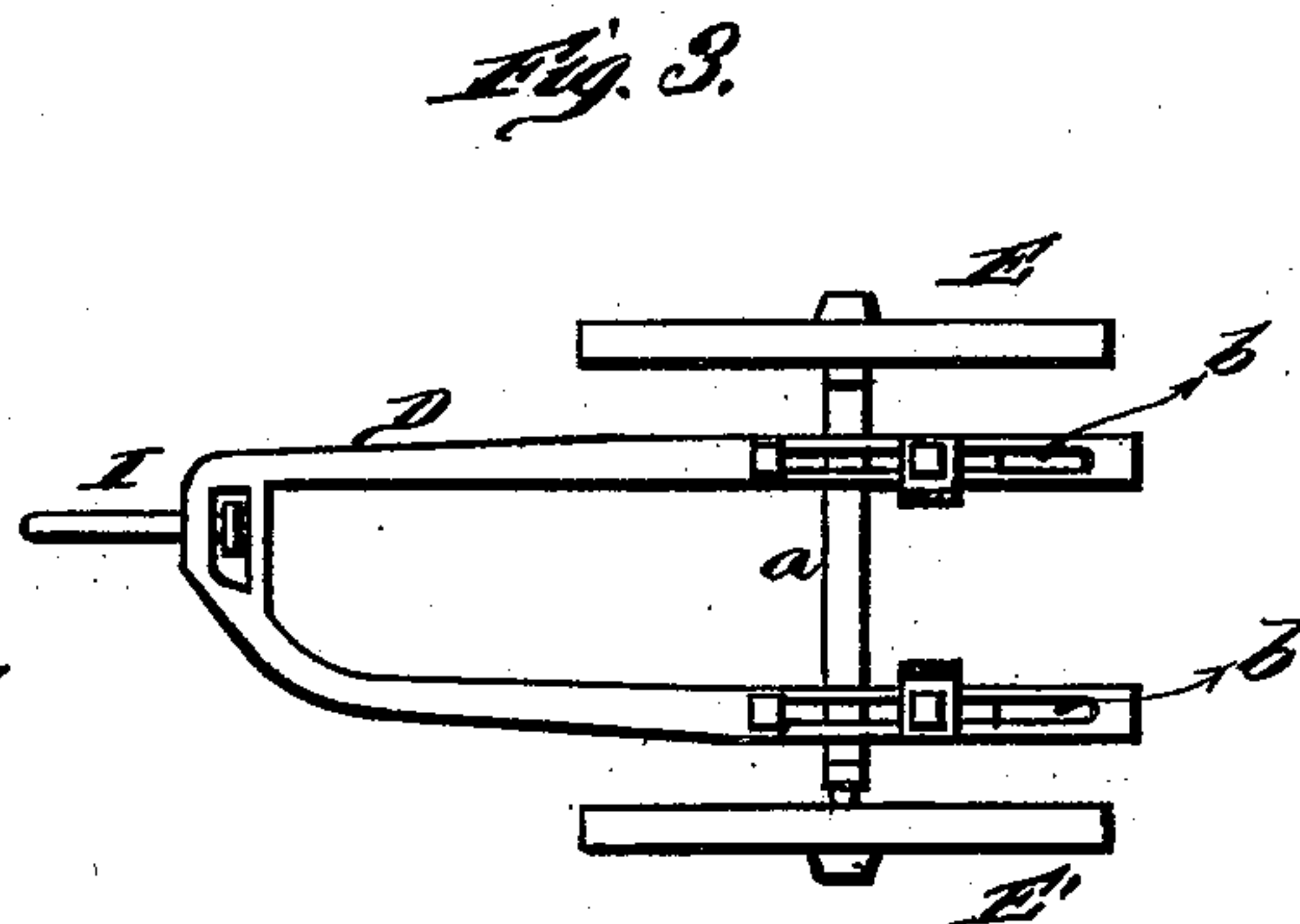
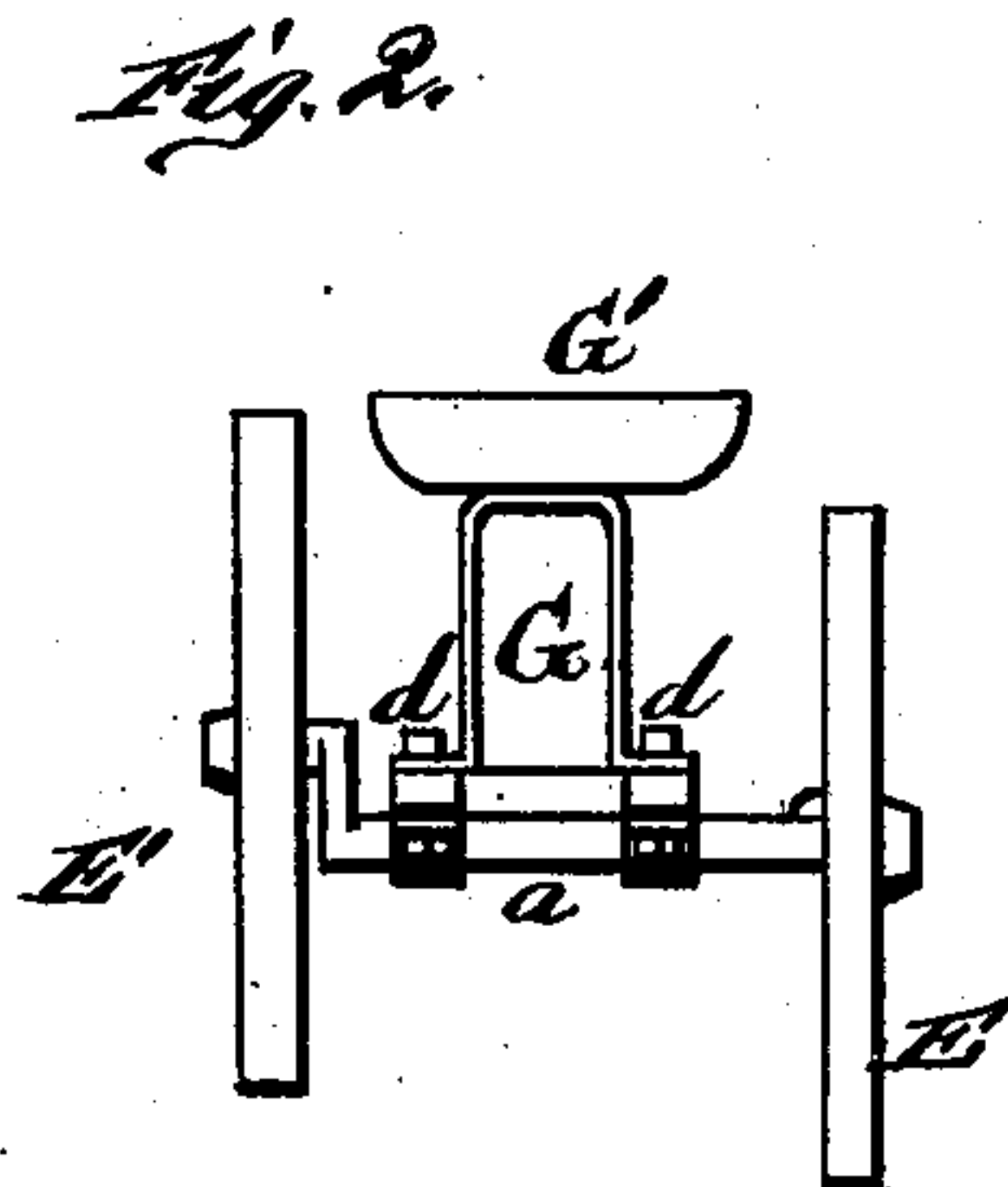
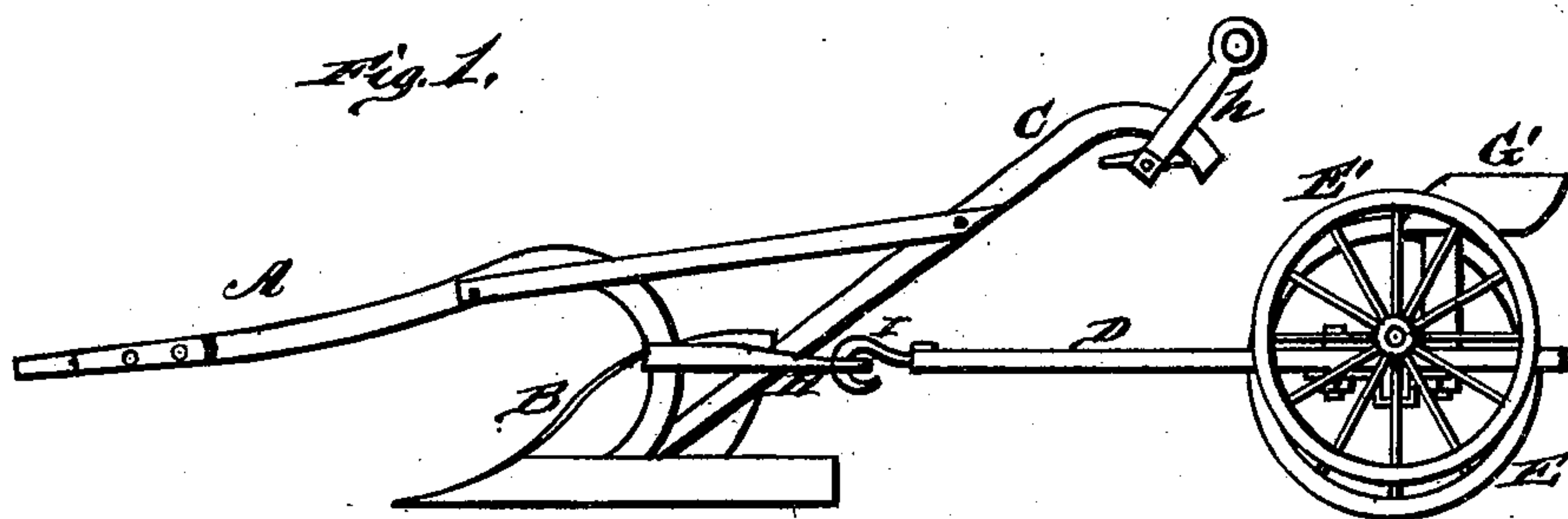


J. KENNEDY.
Riding Plow.

No. 197,380.

Patented Nov. 20, 1877.



WITNESSES
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UNITED STATES PATENT OFFICE.

JAMES KENNEDY, OF MINNESOTA CITY, MINNESOTA.

IMPROVEMENT IN RIDING-PLOWS.

Specification forming part of Letters Patent No. **197,380**, dated November 20, 1877; application filed October 13, 1877.

To all whom it may concern:

Be it known that I, JAMES KENNEDY, of Minnesota City, in the county of Winona and State of Minnesota, have invented a new and valuable Improvement in Riding-Plows; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a side view of my riding-plow. Fig. 2 is a rear view, Fig. 3 is a plan view, and Fig. 4 is a detail view, thereof.

The nature of my invention consists in the construction and arrangement of a sulky attachment for plows, as will be hereinafter more fully set forth.

The annexed drawing, to which reference is made, fully illustrates my invention.

A represents the beam, B the plow proper, and C C the handles, of any plow constructed in any of the known and usual ways. The sulky attachment is composed of two beams, D D, connected at their front ends, and having an axle, *a*, placed in suitable box or boxes on their under sides, a certain distance in front of their rear ends.

The axle *a* is stationary in its boxes, and has one end straight to receive the wheel E, while the other end of the axle is formed with a jog or crank to receive the other wheel, E', and make the difference in height with the wheel E, which runs in the furrows. The rear ends of the beams D D are formed with longitudinal slots *b b*, and the seat-supports G are placed thereon, and fastened by bolts *d d* at any point on the beams desired, allowing of the adjustment of the seat G' backward or forward, according to the weight of the driver.

In the front of this attachment—that is to say, in the connection at the front ends of the beams D—is a swiveled hook, I, which is hooked into a bar, H, fastened to the plow, by which means said sulky attachment can be easily and quickly removed and attached again, as required.

Upon the rear ends of the handles C C are attached two short arms, *h h*, which are secured upon a rod, L. This rod the driver takes hold of for operating the plow. The lower ends of the arms *h* are slotted or forked, forming, as it were, clamps to straddle the ends of the handles C, and are fastened thereon by bolts *i*, as shown. These arms can easily be adjusted as required upon the handles. The driver can regulate the depth of the plowing by simply moving his body backward or forward while passing over uneven places.

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

1. In combination with a plow, the sulky attachment, consisting of the slotted beams D D, axle *a*, wheels E E', adjustable seat G', swiveled hook I, and bar H, all substantially as and for the purposes set forth.

2. The rod L, with arms *h h*, forked at their lower ends, forming clamps, and provided with bolt *i*, in combination with the handles of a plow, substantially as and for the purposes set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JAMES KENNEDY.

Witnesses:

JACOB STORY,
SAMUEL FOX.