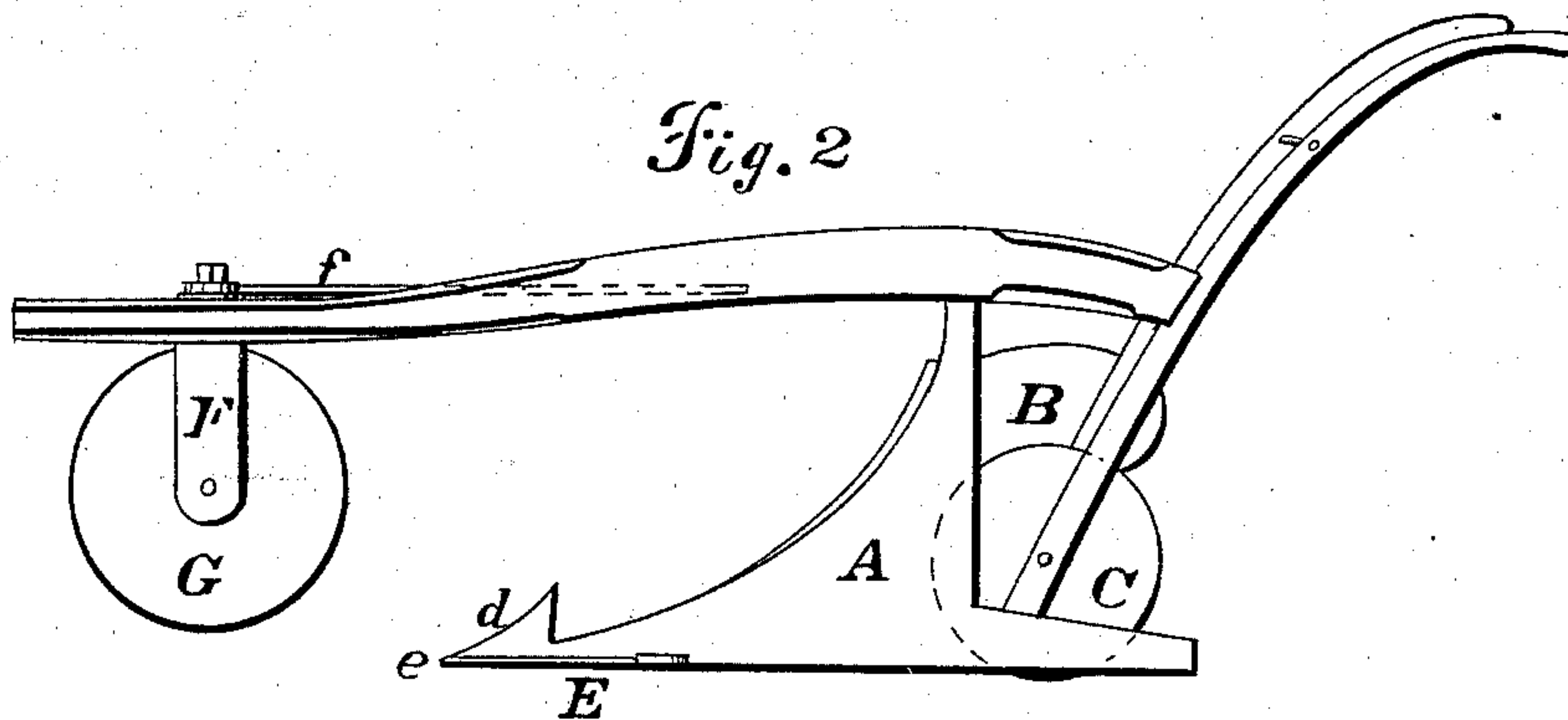
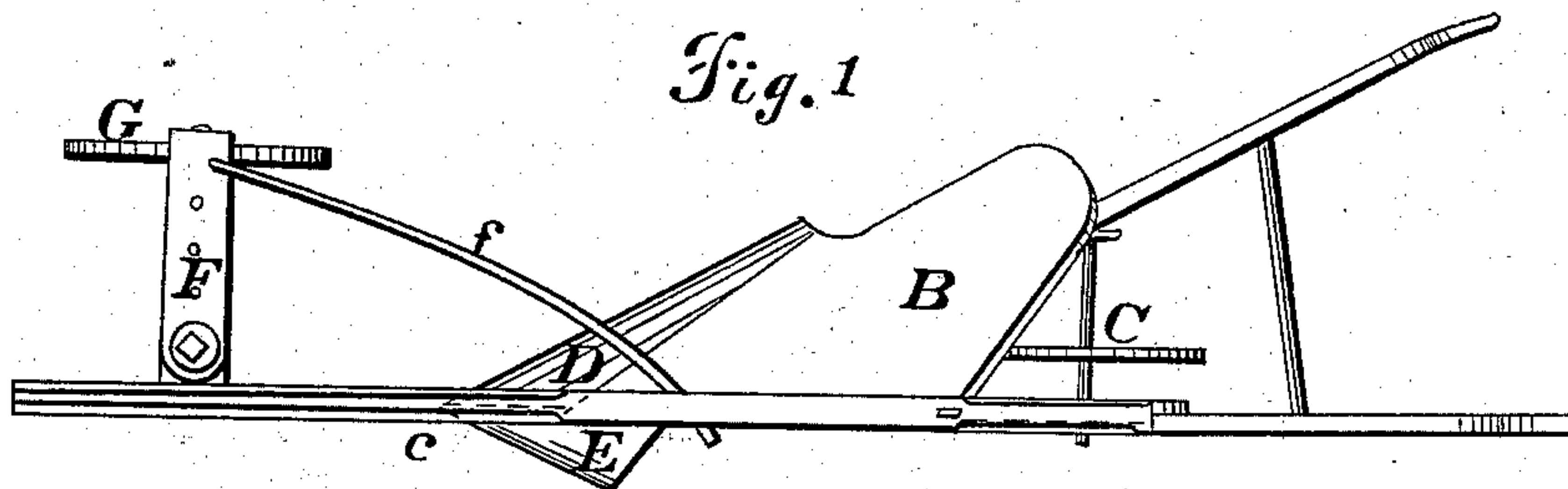


A. C. JAQUES.

Plow.

No. 79,834.

Patented July 14, 1868.



Witnesses:
Wm. H. Caulton
Geo. B. Green

Inventor:
Abram C. Jaques
by J. B. Woodruff & Son.
Attorneys

United States Patent Office.

ABRAM C. JAQUES, OF LEAVENWORTH, KANSAS.

Letters Patent No. 79,834, dated July 14, 1868.

IMPROVEMENT IN PLOWS.

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, ABRAM C. JAQUES, of the city and in the county of Leavenworth, and State of Kansas, have invented certain new and useful Improvements in Plows; and the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a plan or top view of my improved plow.

Figure 2 shows a view of the land-side elevation.

The object of my invention is to lessen the friction of the draught, cut the furrows of a uniform width, and turn the top soil bottom up.

My invention consists in the construction of the adjustable frame, brace, and guide-wheel at or near the front end of the plow-beam; also, in the projecting horizontal lip or cutter-blade on the land-side, and the vertical spur-cutter on the point of the plowshare.

To enable others to make and use my improvements, I will describe them more fully, referring to the drawings, and to the letters marked thereon.

The beam and handles may be constructed in the ordinary manner. The land-side A and mould-board B may be made of cast iron of any desired pattern, and secured to the handles and beam in the usual way; and there may be a friction-roller, C, placed in the rear of the mould-board, if desired. The plowshare D is made with a blade, E, extending out from the point *e* on the land-side, at about the same angle as the cutting-edge of the share D, flat with it, to run in under the earth left on the land-side. On the top of the point is a spur or thin cutter, *d*, placed in a direct line with the land-side of the plow, which cuts clean any small roots under the surface. At the forward end of the beam is fitted an adjustable frame, F, with a brace, *f*, extending back to the beam, on the furrow-side. In the under side of the frame F is fitted a roller, G, which extends down to the level of the bottom of the plowshare D, so as to run in the furrow last turned against the smooth edge of the land, forming the most perfect guide for the width of the furrows, and may be adjusted to any desired width.

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

1. The adjustable frame F and roller G, to determine and guide the width of the furrow, substantially as herein described.

2. The projecting horizontal blade E and the vertical spur-cutter *d* on the plow point, as and for the purposes herein set forth.

In testimony whereof, I have hereunto subscribed my name, in the presence of—

ABRAM C. JAQUES.

Witnesses:

GEO. H. ENGLISH,

JOHN HUSTED.