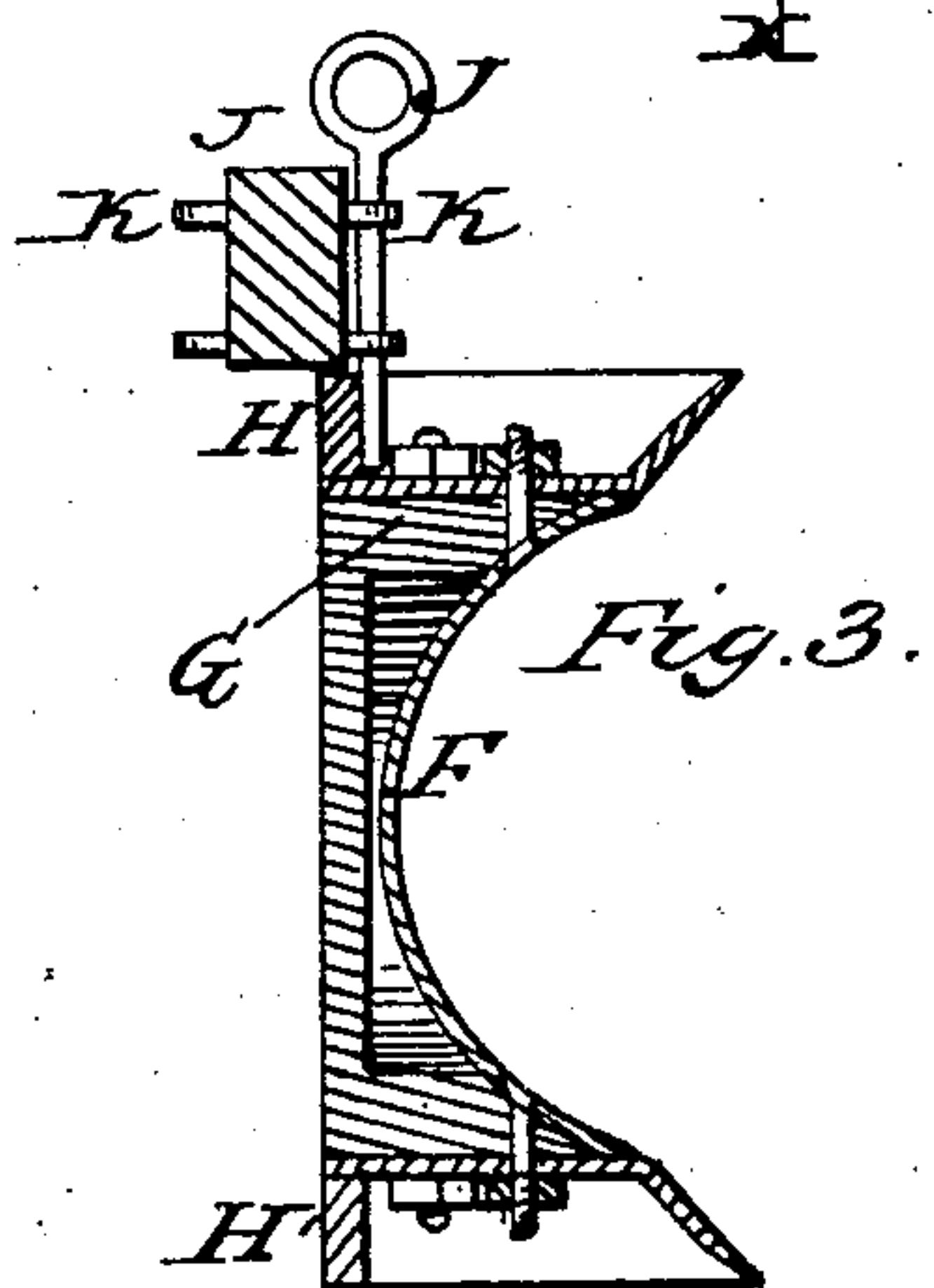
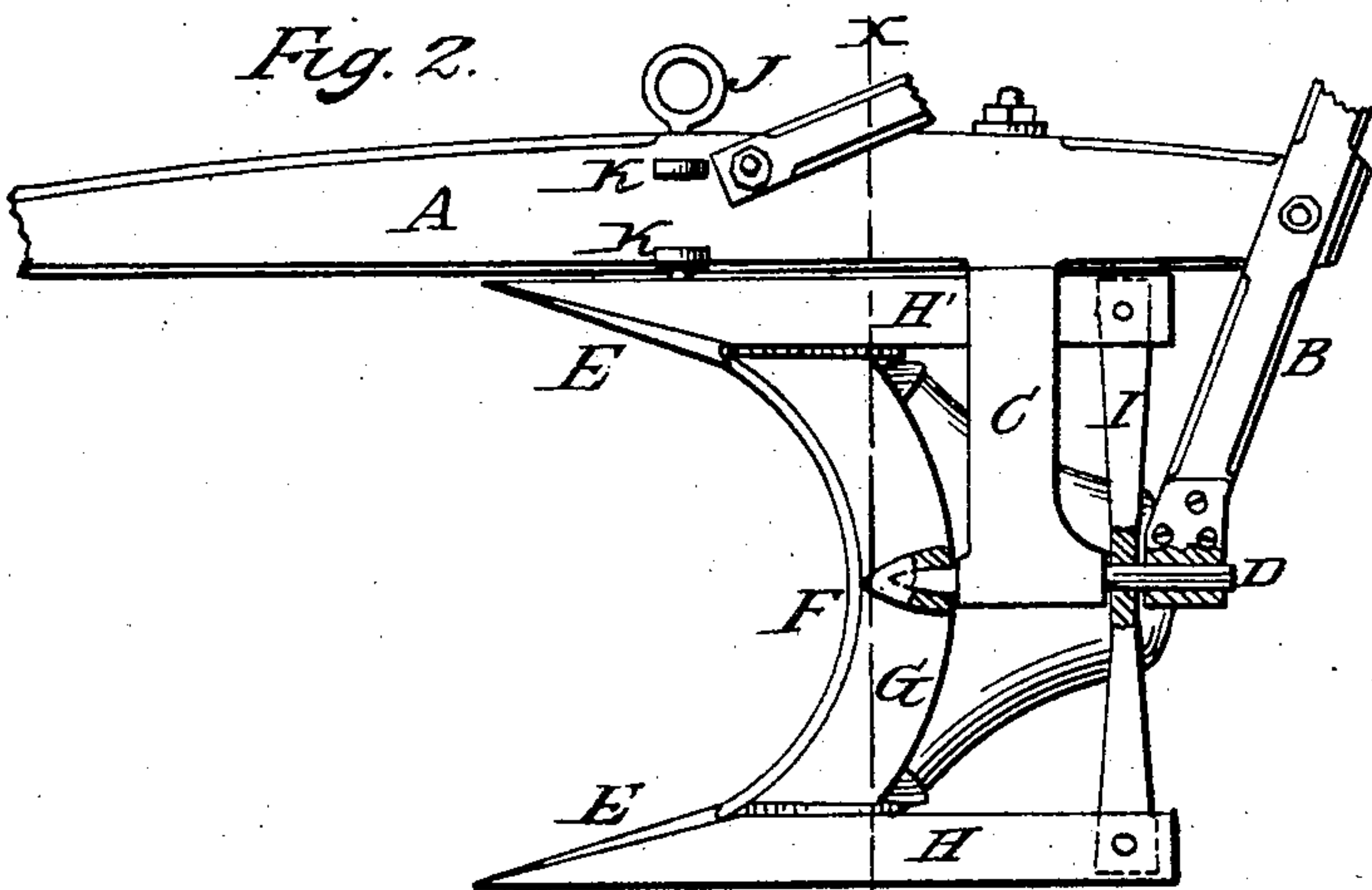
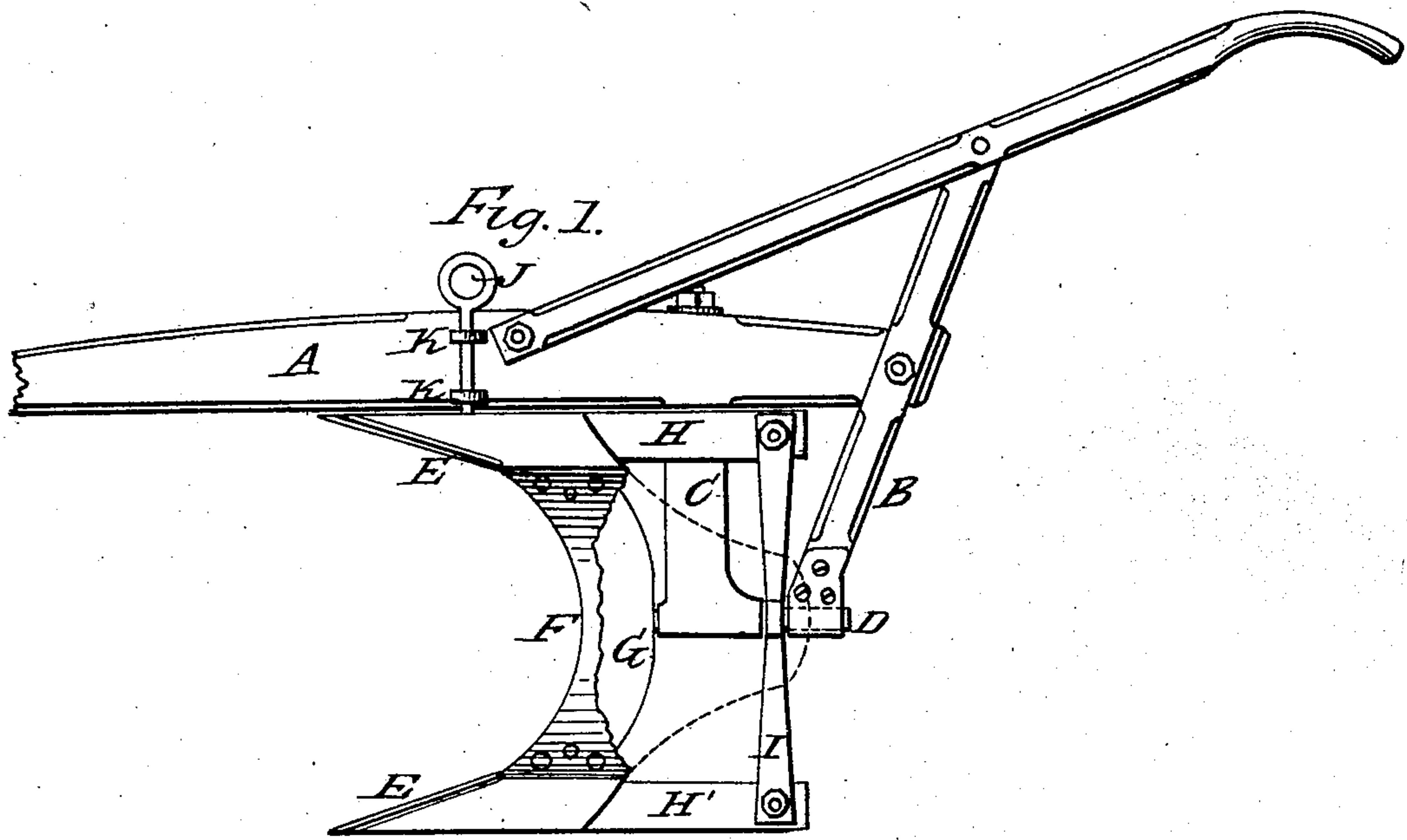


H. B. ABBOTT.

Hillside Plow.

No. 75,104.

Patented March 3, 1868.



*Inventor:*

*H. B. Abbott.*  
*By [Signature]*

*Witnesses:*

*Geo. H. Spayman*  
*Chas. H. Felt*

United States Patent Office.

HENRY B. ABBOTT, OF FELICITY, OHIO.

Letters Patent No. 75,104, dated March 8, 1868.

IMPROVEMENT IN HILL-SIDE PLOUGH.

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

TO WHOM IT MAY CONCERN:

Be it known that I, HENRY B. ABBOTT, of Felicity, Clermont county, Ohio, have invented a certain new and useful Hill-Side Plough; and do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings making part of this specification.

This invention belongs to the class of ploughs adapted to form alternately a right and left-hand furrow.

Figure 1 is a side elevation, showing the plough in condition for a left-hand furrow, a portion of the mould-board being removed.

Figure 2 shows the same for right-hand ploughing.

Figure 3 is a transverse section, at the line X X, fig. 2.

The stock, or wooden portion, may have the customary construction, except that the beam A is somewhat longer. The tail-post B, and a bracket, C, which depend rigidly from the beam, carry a horizontal bolt or pivot, D, about which vibrates a double "bar-share," E E', whose mould-boards unite at their upper edges so as to form a continuous plate, F, and whose sheths are composed of a single curved bar, G, and whose land-side bars, H H', are connected by a bar, I, which, as well as the sheth aforesaid, is perforated to receive the said pivot. J is a bolt, which being inserted in staples, K, on either side of the beam, holds the upper, and, for the time being, idle land-side bar firmly against the bracket C, on the right or left side, as may be desired.

In operation, when the end of a furrow is reached, the bolt is withdrawn, and the action of directing the plough again into the land, of itself reverses the plough, which being then secured by inserting the bolt in the staples on the other side of the beam, the plough is then started on its return trip.

I claim herein as new, and of my invention—

The combination, with the two bar-shares E E', connecting-sheth G, and double mould-board F, of the connecting-bar I, bracket C, and locking-bolt J, the latter being shifted from one set of staples to another on the opposite sides of the plough-beam, as and for the purpose explained.

In testimony of which invention, I hereunto set my hand.

Witnesses:

GEO. H. KNIGHT,  
JAMES H. LAYMAN.

HENRY B. ABBOTT.