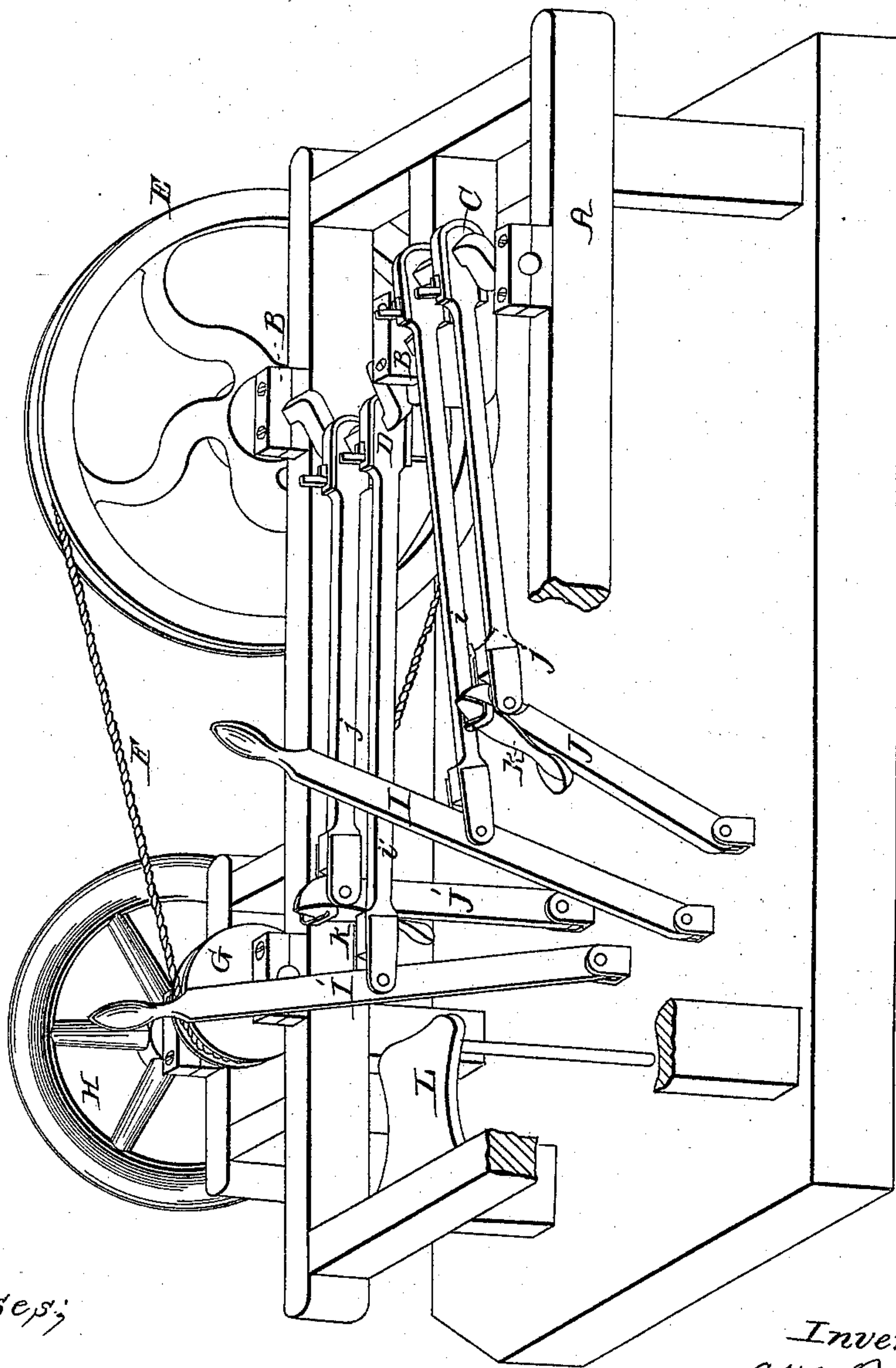


*J. H. Pelton,*

*Mechanical Movement.*

*N<sup>o</sup> 66,623.*

*Patented July 9, 1867.*



*Witnesses;*  
*Chas. H. Case*  
*Fred Bachman*

*Inventor;*  
*J. H. Pelton*  
*By Knight Bros*  
*Atty*

# United States Patent Office.

JOSEPH H. PELTON, OF CLEVELAND, TENNESSEE.

*Letters Patent No. 66,623, dated July 9, 1867.*

## IMPROVEMENT IN MECHANICAL MOVEMENT.

*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, JOSEPH H. PELTON, of Cleveland, in the county of Bradley, and State of Tennessee, have invented a new and useful Mechanical Movement; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, which are made a part of this specification.

This invention relates to an arrangement of levers and treadles which avail both hands and both feet of the operator for the propulsion of a crank-shaft or other mechanical device.

A is a frame bearing a horizontal shaft, B, having cranks C D and a scored pulley, E, from which a belt, F, passes to another scored pulley, G, whose shaft carries a fly-wheel, H. I I' are levers for the right and left hands respectively, and J J' are levers for the corresponding feet, and which levers are connected by pitmen *i i'* and *j j'* with the aforesaid cranks C and D. K are foot-rests upon the levers J J'. L is a seat for the operator.

In operation the hand and foot-levers on the right are thrust forward, while those on the left hand are drawn back, and *vice versa*, an operation that brings every muscle of the operator to bear on the work, and enables the foot-lever on one side to serve as an abutment for the hand-lever on the other side.

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

The arrangement of hand and foot-levers I I', and J J', pitmen *i i j j'*, and doubly-cranked shaft B, for the purpose set forth.

In testimony of which invention I hereunto set my hand.

JOSEPH H. PELTON.

Witnesses:

GEO. H. KNIGHT,

JAMES H. LAYMAN.