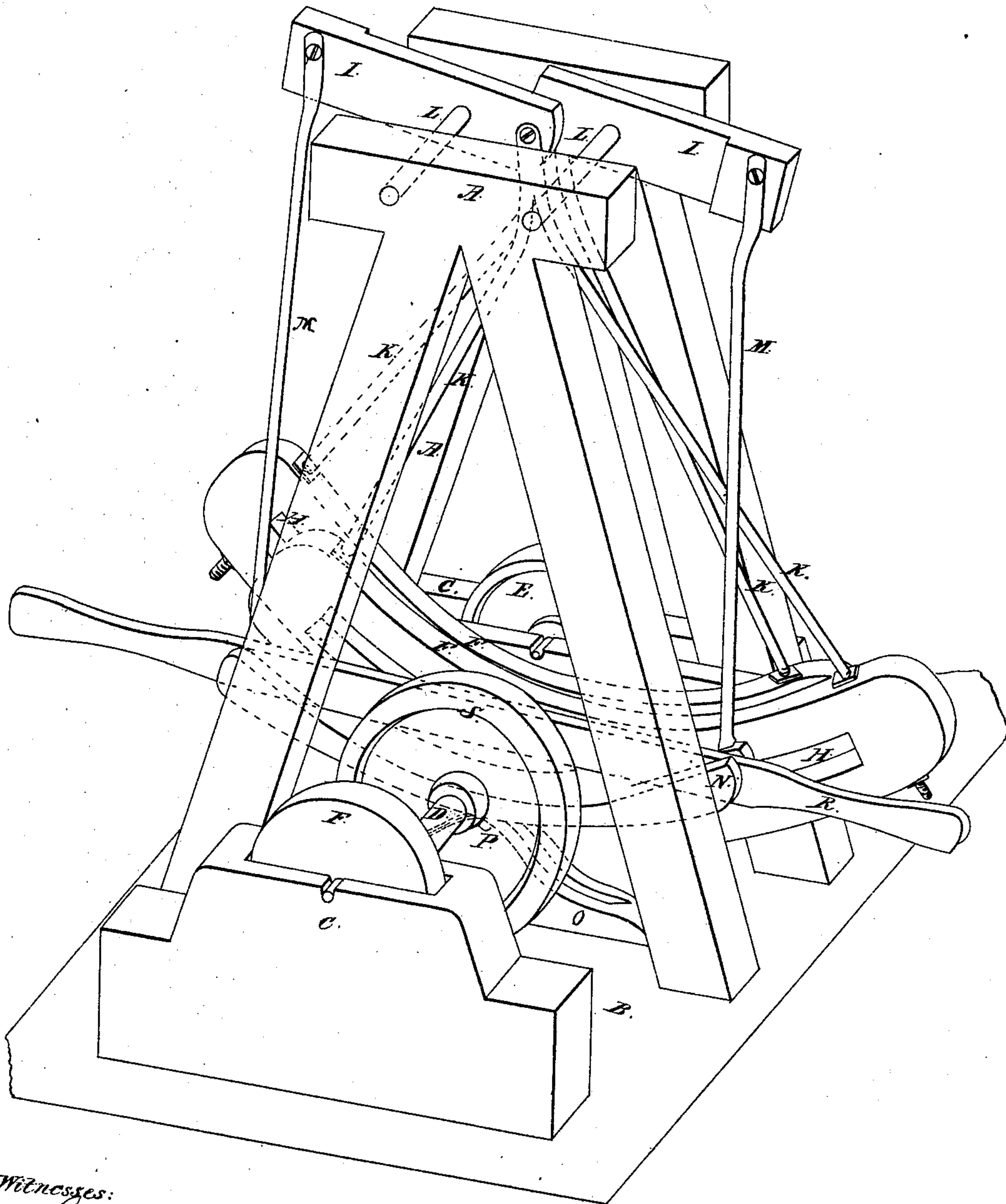


*J. F. Latimer,*  
*Motor.*

*N<sup>o</sup> 69,821.*

*Patented Oct. 15, 1867.*



*Witnesses:*  
*Geo. Cary,*  
*H. Ambidge*

*Inventor:*  
*Jamus F. Latimer*

# United States Patent Office.

JAMES F. LATIMER, OF DETROIT, MICHIGAN, ASSIGNOR TO ELIZA ELLSWORTH.

*Letters Patent No. 69,821, dated October 15, 1867*

## IMPROVEMENT IN APPARATUS FOR ACCUMULATING POWER.

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

### TO WHOM IT MAY CONCERN:

Be it known that I, JAMES F. LATIMER, of Detroit, in the county of Wayne, in the State of Michigan, have invented a new and useful Method of Accumulating Power; and I do declare that the following is an accurate description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The dotted lines show those parts that are hidden from view in the machine in a perspective view.

I make a proper frame, A A, firmly secured to the base B, upon which I place pillow-blocks C C. I use a shaft, D, the ends of which run on the inner edges of the rim of the wheels E E, which revolve with the shaft D, and lessen the friction. Upon the shaft D is hung a sufficient balance-wheel, S. Upon the shaft D are placed two or more slotted segments F F, (slots shown at H H,) which are suspended, by adjustable rods K K K K, from the eccentric levers I I, which hang upon shaft L L. These slotted segments F F are made to work to the right and left alternately, by means of the lever R acting upon the rocker N, which is attached to the base O by the pivot P. The rocker N is connected with the eccentric levers I I by the rods M M. The left-hand rods K K are shorter than the right-hand rods K K, so that the slotted segments F F, as they are moved from right to left and from left to right, the tops and bottoms of the slots H H are alternately made to bear upon the top and bottom of the shaft D, and communicate motion thereto. By this means great velocity is attained and power acquired, which may be used in all cases where an intermittent power is required.

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

1. The combination and arrangement of the rods M M, the rocker N, the lever R, the base O, and the pivot P, arranged substantially as described, for the purpose designed.
2. The combination and arrangement of the frame A A, the base B, the pillow-blocks C C, the shaft D, the wheels E E, the slotted segments F F, the eccentric levers I I, the rods K K K K, the shaft L L, the rods M M, the rocker N, the base O, the pivot P, the lever R, and the balance-wheel S, arranged substantially as described and for the purpose designed.

Detroit, June 17, 1867.

JAS. F. LATIMER.

Witnesses:

GEO. CARY,  
W. AMBREDGE.