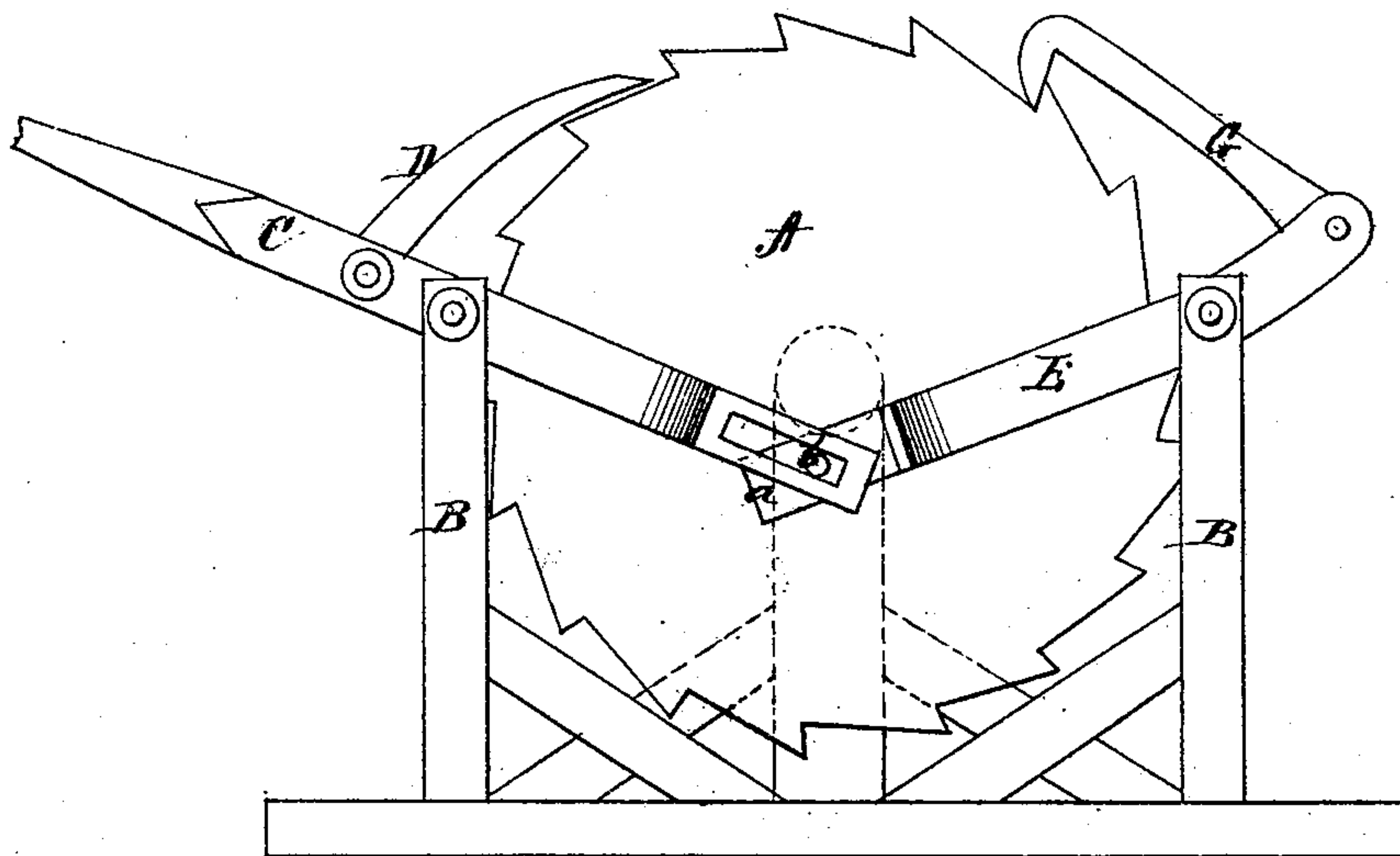


W. T. ELLIOTT.

Ratchet Power.

No. 103,727.

Patented May 31, 1870.



Witnesses

A. A. Yeatman  
C. L. Curtis

Inventor

Wm. T. Elliott  
per  
Alexander Thasoz  
Atty

# United States Patent Office.

WILLIAM T. ELLIOTT, OF METAMORA, ILLINOIS, ASSIGNOR FOR ONE-HALF  
TO WILLIAM H. SPEERS, OF SAME PLACE.

*Letters Patent No. 103,727, dated May 31, 1870.*

## IMPROVED RATCHET-POWER.

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, WILLIAM T. ELLIOTT, of Metamora, in the county of Woodford and in the State of Illinois, have invented certain new and useful Improvements in Ratchet-Power; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of a "ratchet-power," as will be hereinafter fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, which represents a side elevation of my machine.

A represents a ratchet-wheel, mounted upon a shaft, to which it is desired to give a rotary motion.

At the side of the ratchet-wheel A are placed two standards, B B, upon the inner side of one of which is pivoted a long lever, C, provided with a pawl, D, to engage with the wheel.

The inner end of the lever C is forked, and the

tongue *a* of another lever, E, is inserted therein, said tongue being provided with a pin, *b*, which passes through the same and through slots in the forked end of the lever C.

The lever E is pivoted on the inner side of the other standard B, and provided with a hook, G, which also engages with the ratchet-wheel A.

By working the long lever C up and down, a continuous rotary motion is imparted to the ratchet-wheel A, and to the shaft upon which it is placed.

Having thus fully described my invention,

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

The combination of the ratchet-wheel A, levers C E, pawl D, and hook G, all constructed as described, and arranged to operate substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand this 16th day of March, 1870.

WM. T. ELLIOTT,

Witnesses:

W. H. SPEERS,  
BRÜNOLD HESS.