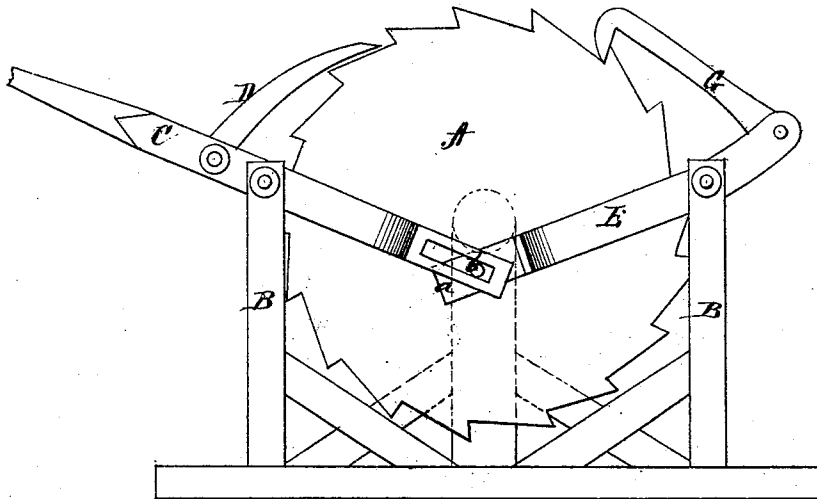


W. T. ELLIOTT.

Ratchet Power.

No. 103,727.

Patented May 31, 1870.



Witnesses

A. A. Yeatman
C. L. Curtis

Inventor

Wm. T. Elliott
per
Alexander Thasoz
Attys

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.