

V. MOESLEIN.
Spring-Power.

No. 167,009.

Patented Aug. 24, 1875.

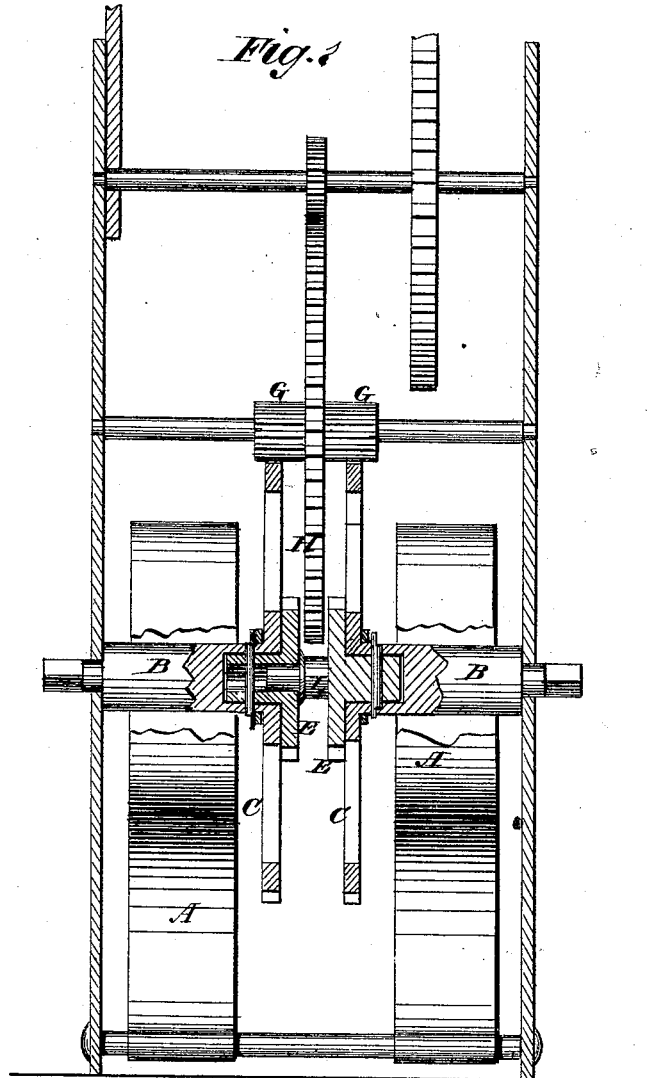
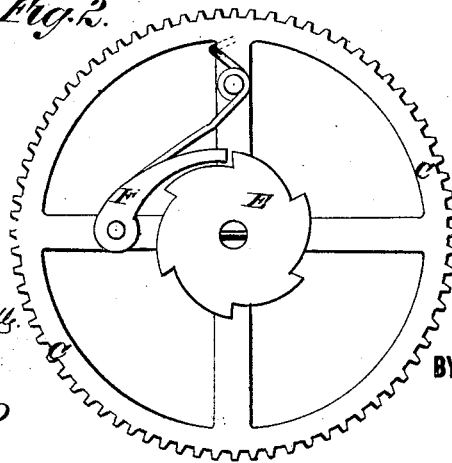


Fig. 1.



WITNESSES:

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

VALENTINE MOESLEIN, OF WATERLOO, ILLINOIS.

IMPROVEMENT IN SPRING-POWERS.

Specification forming part of Letters Patent No. **167,009**, dated August 24, 1875; application filed June 5, 1875.

To all whom it may concern:

Be it known that I, VALENTINE MOESLEIN, of Waterloo, Monroe county, Illinois, have invented a new and Improved Spring-Power, of which the following is a specification:

My invention is a contrivance of double but independent springs in a spring-power apparatus, so that both work together to drive one and the same train, and each can be wound up independent of the other, whereby one may be wound up when the other is partly run out, and vice versa, making a regular and uniform continuous power.

Figure 1 is a sectional elevation of my improved spring-power, and Fig. 2 is a side elevation of one of the driving-wheels and its ratchet mechanism.

Similar letters of reference indicate corresponding parts.

A represents the spring; B, the shaft; C, the driving-wheel; E, the ratchet, and F the

pawl of each apparatus, both being arranged in the same axis, with the wheels C fronting each other, a little distance apart, so that both may gear with the pinion G of the transmitting-train on opposite sides of the master-wheel H. The two spring-shafts are connected by a stud, I, of one entering a socket of the other, and forming a coupling which allows one to be turned independently of the other.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination of two independent spring-powers, A, B, C, E, and F, and the coupling I with a pinion, G, and driving-wheel H of a transmitting-train, substantially as specified.

VALENTINE MOESLEIN.

Witnesses:

FRANK SAUER,
EMIL BAERLOCHER.