

JOHN F. WOLLENSAK.

Improvement in Curtain Fixtures.

No. 125,870.

Patented April 16, 1872.

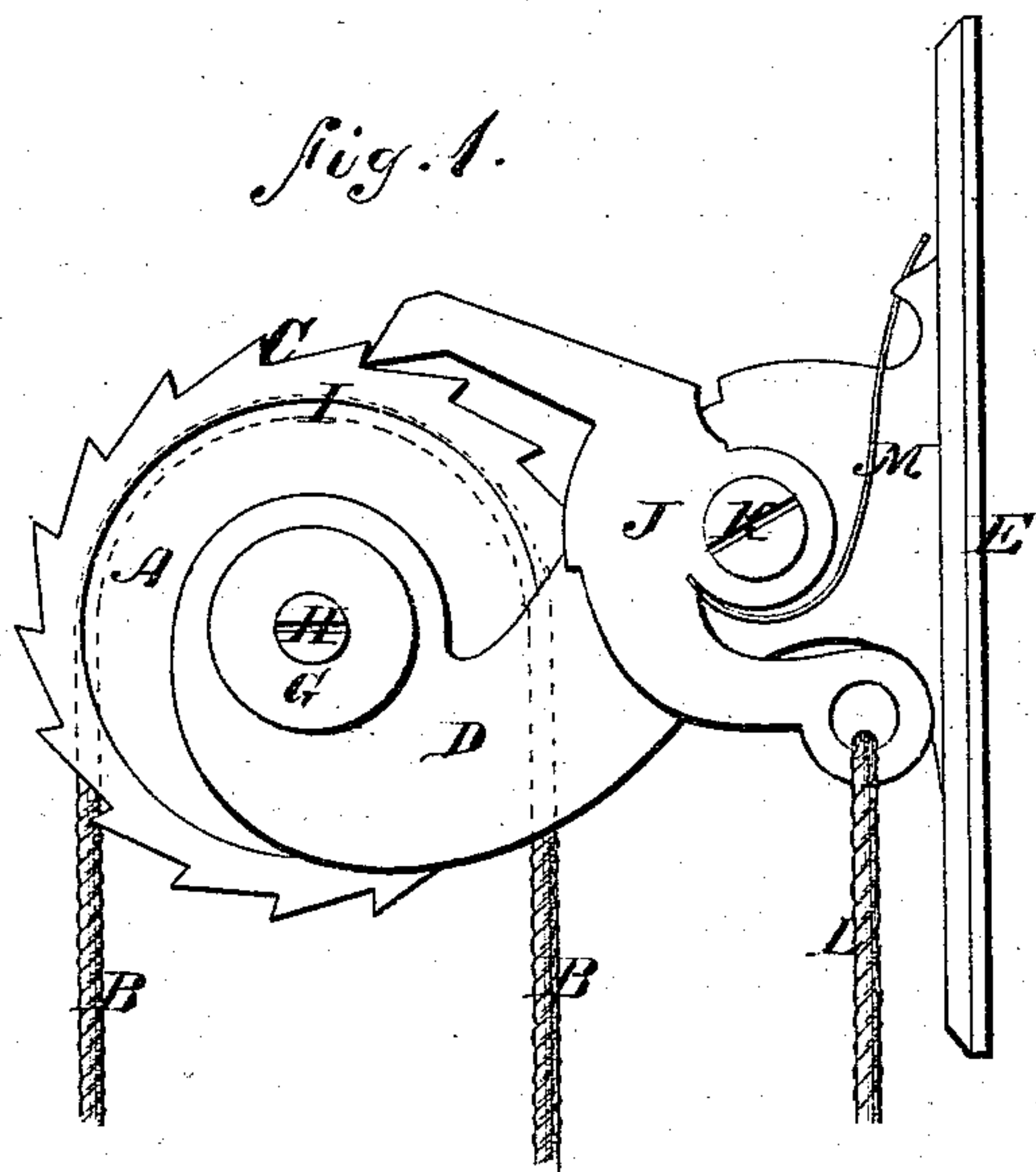
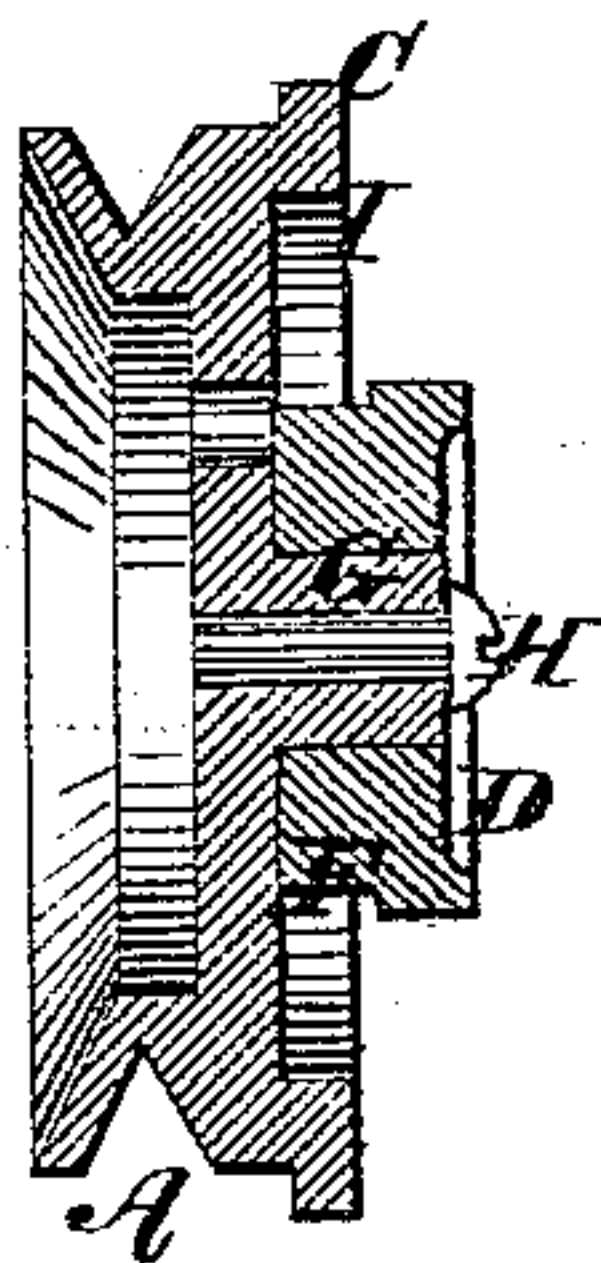


fig. 2.



Witnesses.
C. F. Brown.
Dr. H. E. L. W. W.

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John F. Wollesak.
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His attys.

UNITED STATES PATENT OFFICE.

JOHN F. WOLLENSAK, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN CURTAIN-FIXTURES.

Specification forming part of Letters Patent No. 125,870, dated April 16, 1872.

To all whom it may concern:

Be it known that I, JOHN F. WOLLENSAK, of Chicago, in the county of Cook and State of Illinois, have invented a new and Improved Curtain-Fixture; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a side elevation of my improved curtain-fixture; and Fig. 2 is a transverse section of the same, taken in the line *xx*, Fig. 1.

Similar letters of reference in the accompanying drawing denote the same parts.

My invention has for its object to provide for public use an improved curtain-fixture, which shall be simple and economical in construction, and more effective in operation than those commonly in use. To this end the invention consists in combining a spring-pawl with the bracket and shade-pulley when the pulley is constructed with a recess in its outer face and the bracket with a lateral projection to enter such recess, the pawl and pulley being arranged for operation by different cords.

In the accompanying drawing, A is the pulley for the shade-roller, cast with a peripheral groove for the operating-cord B, and with a recess in its outer face, formed by the ratchet-flange C. D is the bracket, of the form substantially as shown, cast with a base-plate, E, by which it is secured to a wall or ceiling, and with a lateral projection, F, at its outer end, which enters the recess formed in the outer face of the pulley. The pivot G of the pulley

is journaled in the end of the bracket, and retained therein by a screw, H, as shown. By this construction and arrangement, if the pivot G should become broken or the screw H displaced, the shoulder I formed by the recess would drop down upon the projection F, and prevent the curtain and its roller from falling. The pulley is secured to the shade-roller by nails or screws in the ordinary manner. J is the pawl, pivoted to the side of the bracket at K, so that its upper end shall engage with the ratchet-flange C above the bracket, and its lower end extend below the bracket toward the base-plate to receive the operating-cord L. M is a spring, secured to the base-plate and bearing against the shoulder formed around the pivot K of the pawl to hold the latter engaged with the ratchet of the roller.

The shade is rolled up by operating the cord B, and unrolled by its own gravity when the cord L is operated to disengage the pawl and ratchet, as will be readily understood.

Therefore what I claim as my invention is—

The spring-pawl J, provided with an operating-cord, in combination with the recessed pulley A, and with the bracket D, having a lateral projection at its outer end, substantially as described, for the purposes specified.

The above specification of my invention signed by me this 10th day of July, 1871.

JOHN F. WOLLENSAK.

Witnesses:

W. T. KEENER,
HENRY S. TOWLE.