

*Lee & Pandler,
Curtain-Cord Tightener.*

N^o 66,094.

Patented June 25, 1867.

Fig. 3.

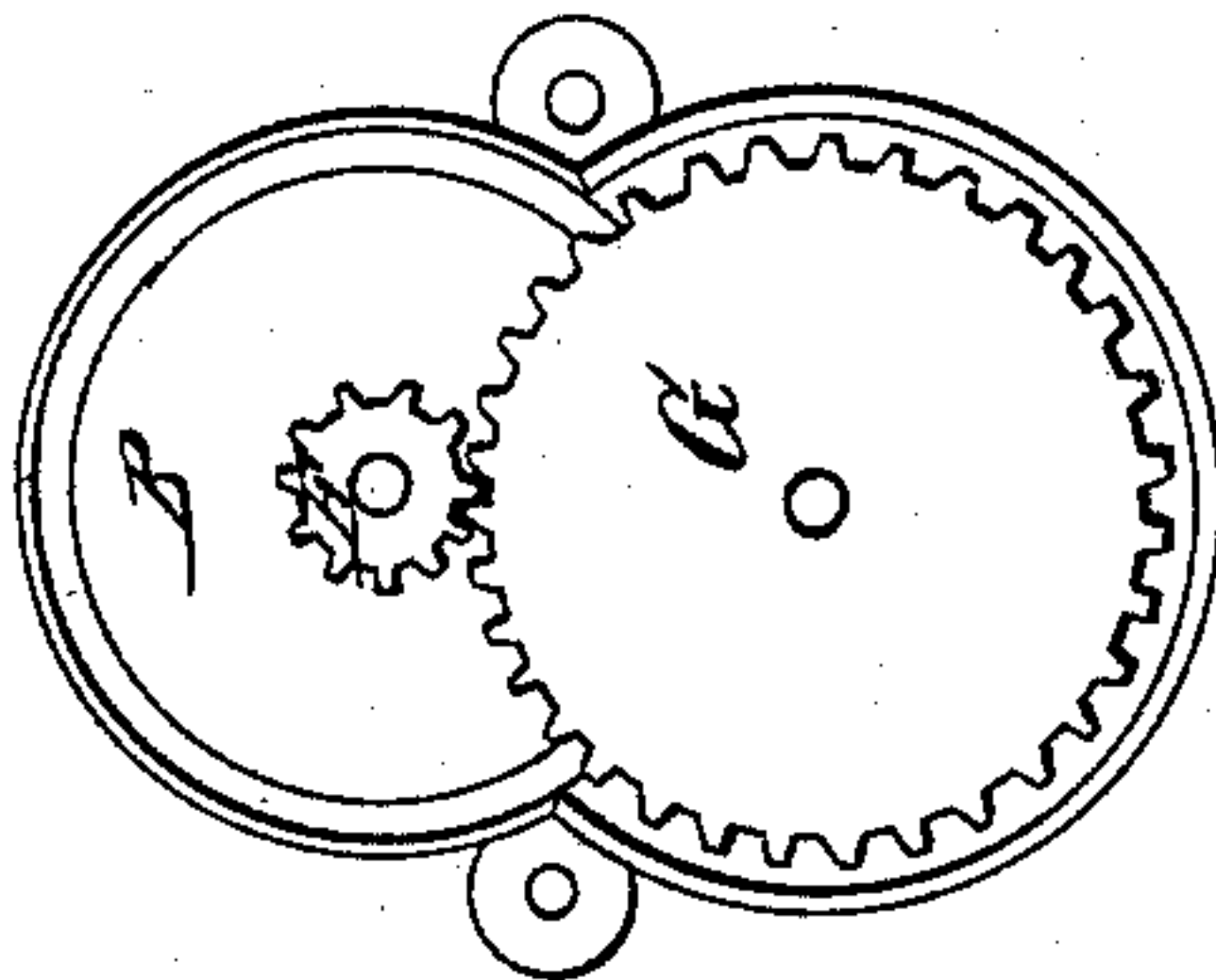


Fig. 2.

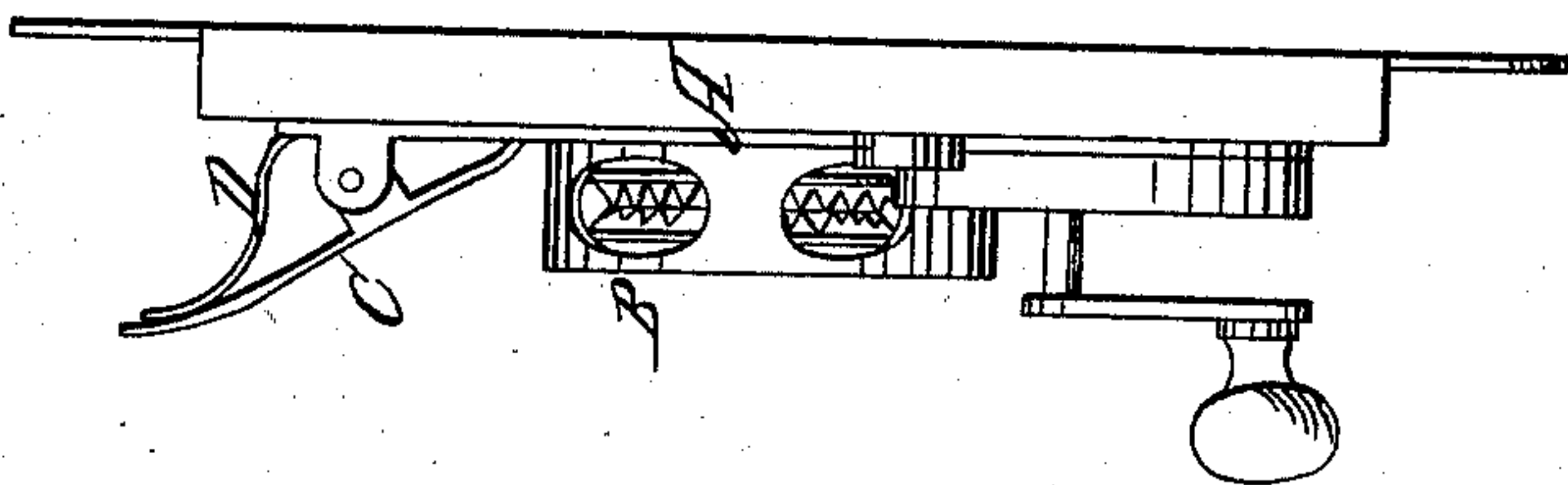
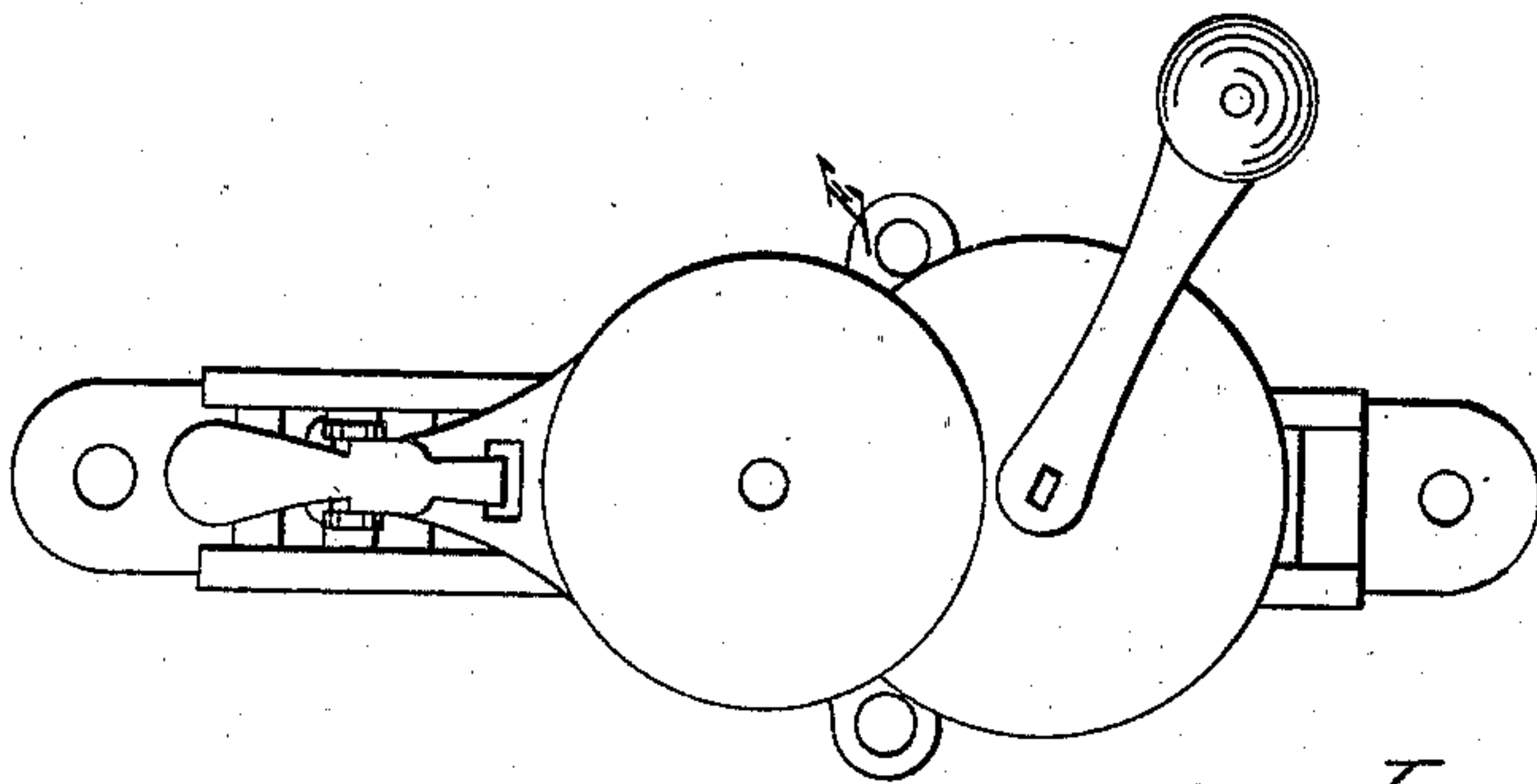


Fig. 1.



Witnesses:

*Amy Bowne
J. Skillman*

Inventor:

*Lee and Pandler
Daniel Breed Atty*

United States Patent Office.

CHAPMAN LEE AND JOSEPH PAUDLER, OF WASHINGTON, DISTRICT OF COLUMBIA.

Letters Patent No. 66,094, dated June 25, 1867.

IMPROVED CURTAIN FIXTURE.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that we, CHAPMAN LEE and JOSEPH PAUDLER, of Washington, in the county of Washington, and District of Columbia, have invented a new and useful Improvement in Window-Curtain Fastenings; and we do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Our invention consists in a novel arrangement of gear-wheels and spring slide for window-curtain fasteners, In the accompanying drawings—

Figure 1 is a front view of our window-curtain fastener.

Figure 2 is a side view of the same.

Figure 3 is a detached view of the gear-wheels for operating the cord.

In the construction of our improved window-curtain fasteners the notched plate A may be of ordinary form, provided with notches, and a slide, E, which carries the cord-wheel B. This slide and wheel are fastened at any desired height, by means of a bolt or lock, C, pressed into the notches by means of the spring D, for the purpose of holding the cord tight. The wheel B is cast with a pinion, F, which gears into the wheel G, and the shaft of this wheel G is provided with a crank-arm, H. By this arrangement the curtain is rapidly raised or lowered without being liable to be stretched as is often done when the hand takes hold of the cord in the usual manner. These gear-wheels and pinion are covered by a cap, I, and all rise or fall with the slide E.

Having thus fully described our invention, what we claim, and desire to secure by Letters Patent of the United States, is—

1. The combination of a gear-wheel and pinion with the cord-wheel for operating a window-curtain roller, substantially in the manner set forth.

2. We claim the combination of the spring D, locking-bolt C, and slide E, for tightening the cord, in connection with the notched plate A and cord-wheel B, substantially as described.

CHAPMAN LEE,
JOSEPH PAUDLER.

Witnesses:

EDM. F. BROWN,
DANIEL BREED.