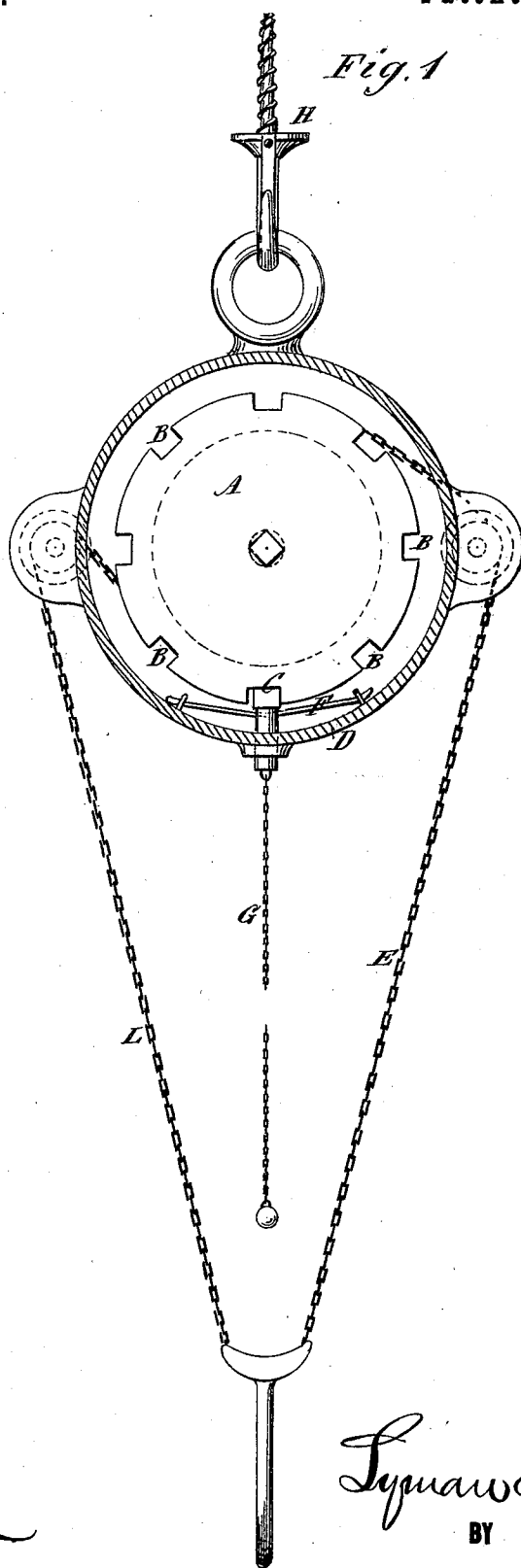


L. T. LAWTON.

SPRING-BALANCE FOR EXTENSION CHANDELIERS.

No. 171,825.

Patented Jan. 4, 1876.



WITNESSES:

C. Verneux
A. F. Terry

INVENTOR:
Lynman T. Lawton
BY *Miner*
ATTORNEYS:

UNITED STATES PATENT OFFICE.

LYMAN T. LAWTON, OF WEST MERIDEN, CONN., ASSIGNOR TO HIMSELF,
P. J. CLARK, AND JOSEPH KINTZ, OF SAME PLACE.

IMPROVEMENT IN SPRING-BALANCES FOR EXTENSION-CHANDELIERS.

Specification forming part of Letters Patent No. **171,825**, dated January 4, 1876; application filed
July 24, 1875.

To all whom it may concern:

Be it known that I, LYMAN T. LAWTON, of West Meriden, in the county of New Haven and State of Connecticut, have invented a new and Improved Spring-Balance for Extension-Chandeliers, of which the following is a specification:

My invention consists of a spring-stop in the bottom of the case of the spring-drum, in combination with notches in the drum, and having a chain or cord depending from it, all so contrived that the stop will be caused to engage the drum by its spring, to hold it so as to prevent a heavy chandelier from falling or a light one from rising, and being so that it can be readily pulled out of the notches by the cord, to allow of adjusting the chandelier.

The invention saves the winding apparatus required with the ordinary spring-balances, and also saves the labor of adjusting the springs from time to time to balance the chandelier.

The drawing is a sectional elevation of the case of a spring-balance chandelier, showing the application of my improved stop. A is the spring and chain-drum of a spring-balance, in which are notches B at suitable in-

tervals for receiving the spring-stop C, which is located in the case D, under the drum so as to slide into and out of said notches, to fasten and unfasten the drum from which the chandelier is suspended by chains E, the stop being forced into the notches by the spring F, and having the chain or cord G, suspended from it by which to pull out the stop by hand.

With this contrivance the chandelier may be suspended at any required height, whether the spring is exactly balanced by the weight or not, whereas in the common arrangement there must be a winding contrivance by which to adjust the tension of the spring to the weight, and a ratchet and pawl to hold it when adjusted.

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

The combination in a chandelier spring-balance of a notched spring and chain drum A, and a spring-stop, C, having a pendent cord or chain, substantially as specified.

LYMAN T. LAWTON.

Witnesses:

GEORGE W. SMITH,
J. W. BAXTER.