

No. 654,985.

Patented July 31, 1900.

T. B. JONES.

LEAF HOLDER.

(Application filed Sept. 19, 1899.)

(No Model.)

FIG. 1.

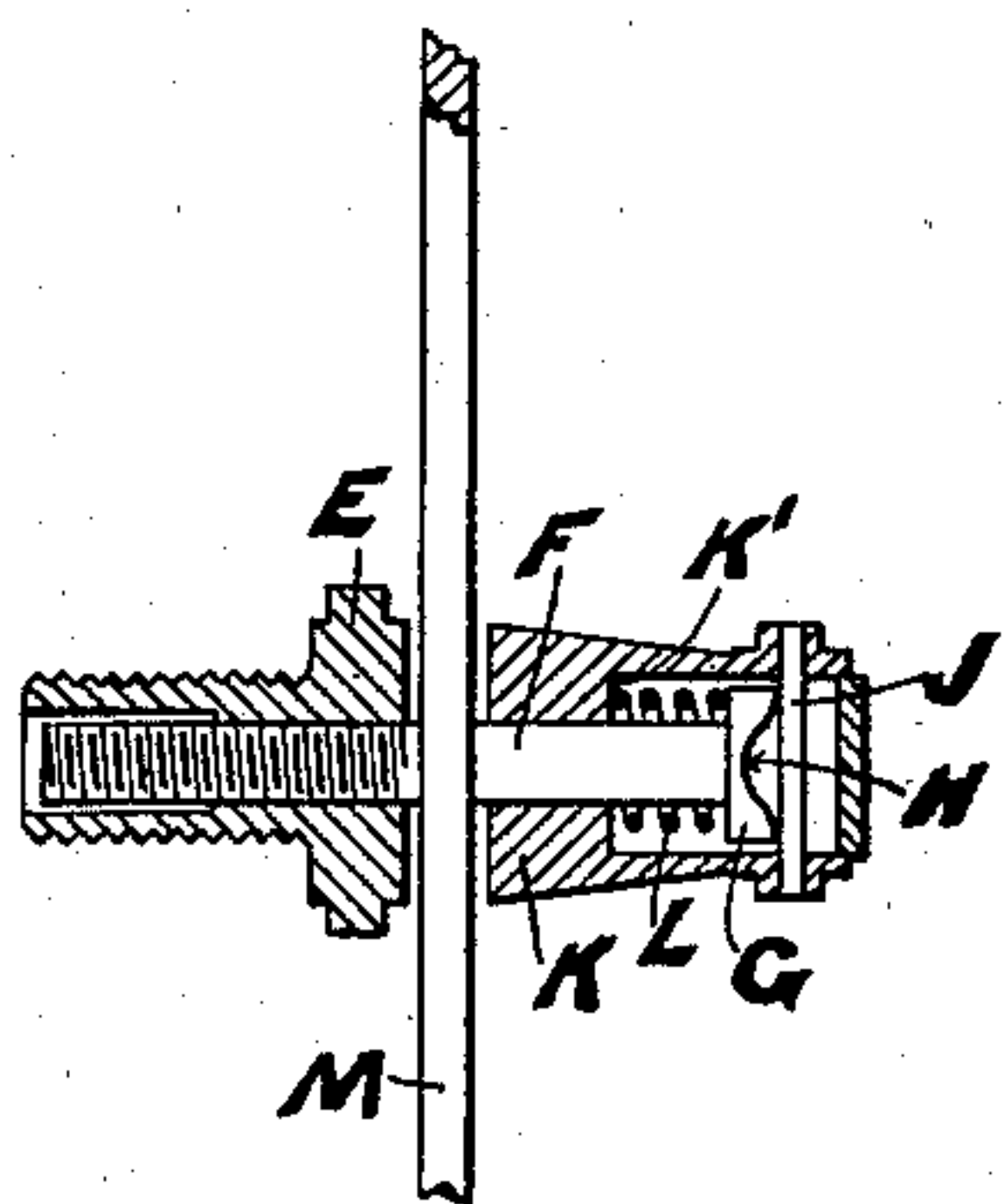


FIG. 2.

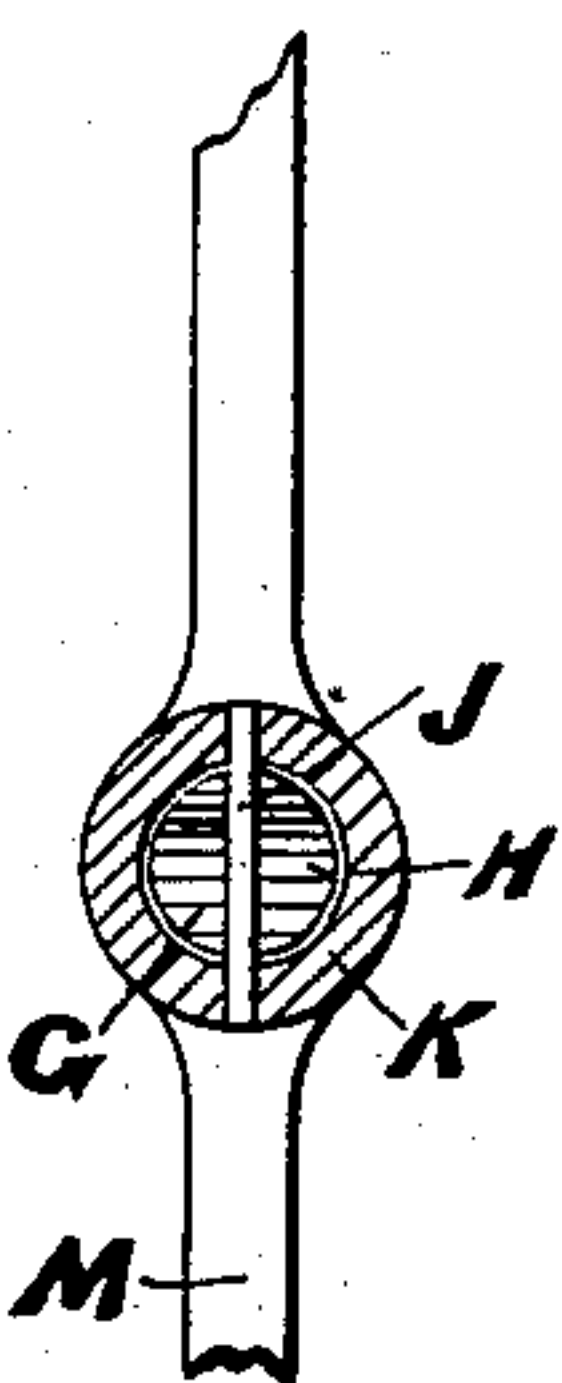


FIG. 3.

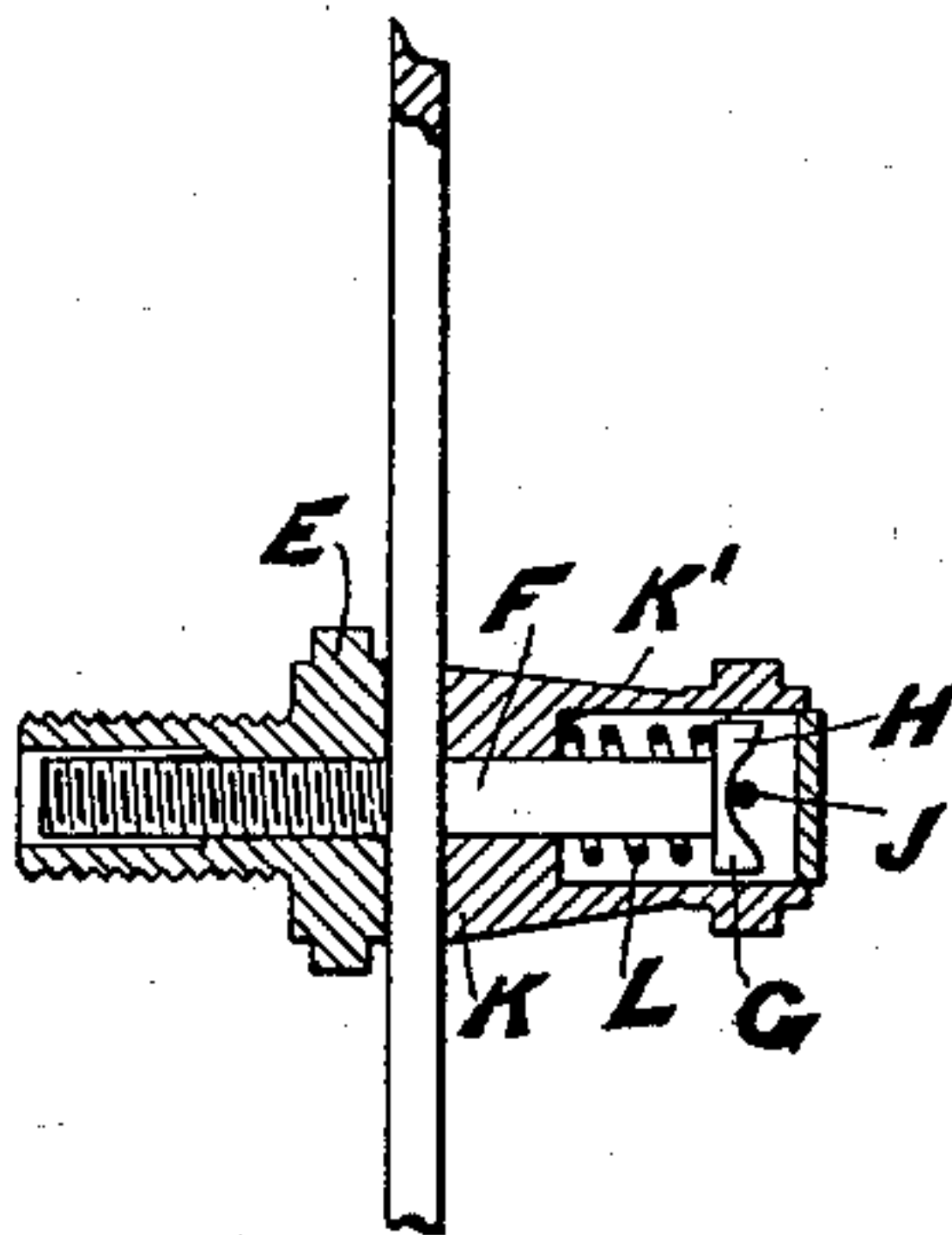


FIG. 4.

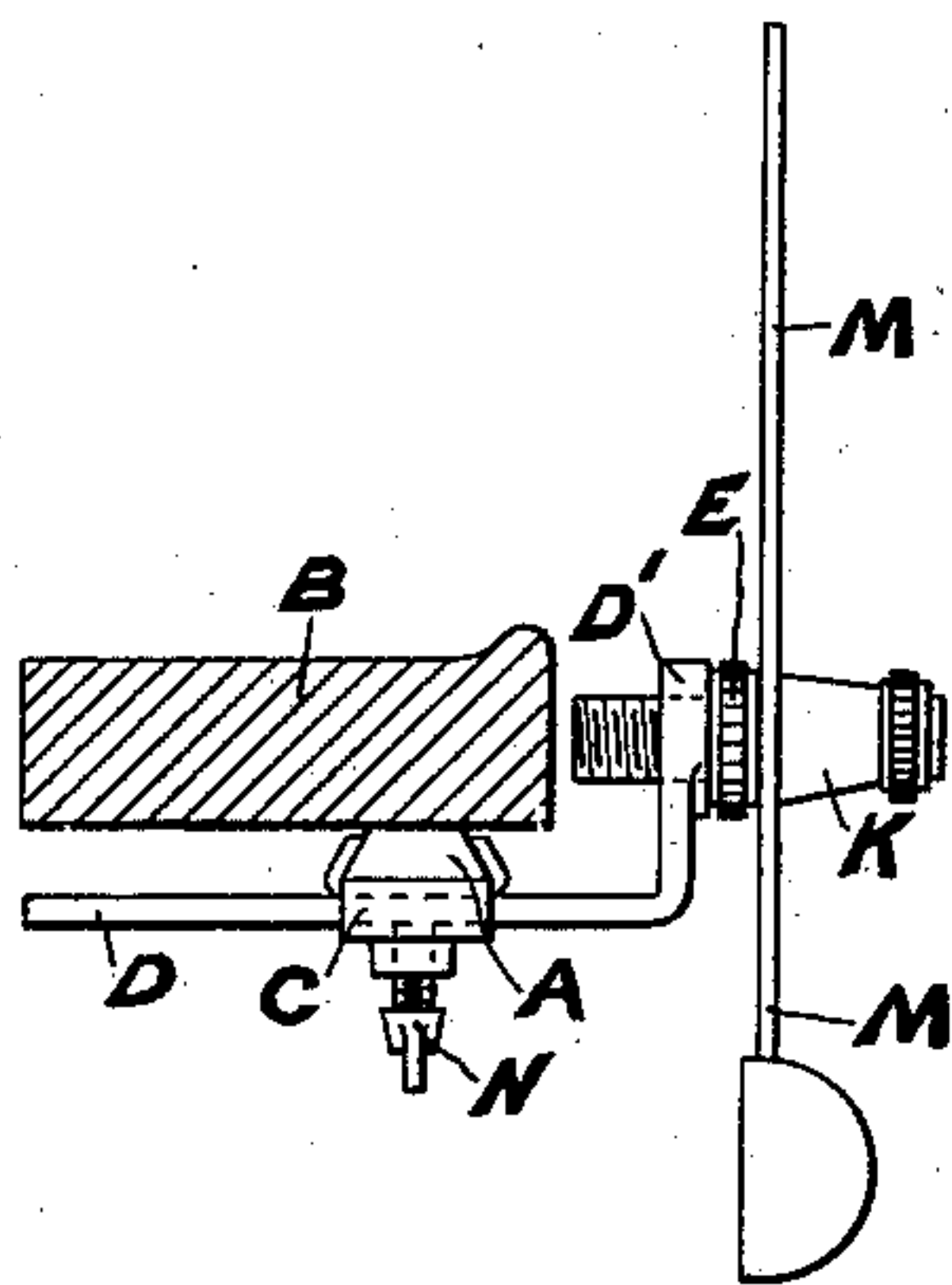
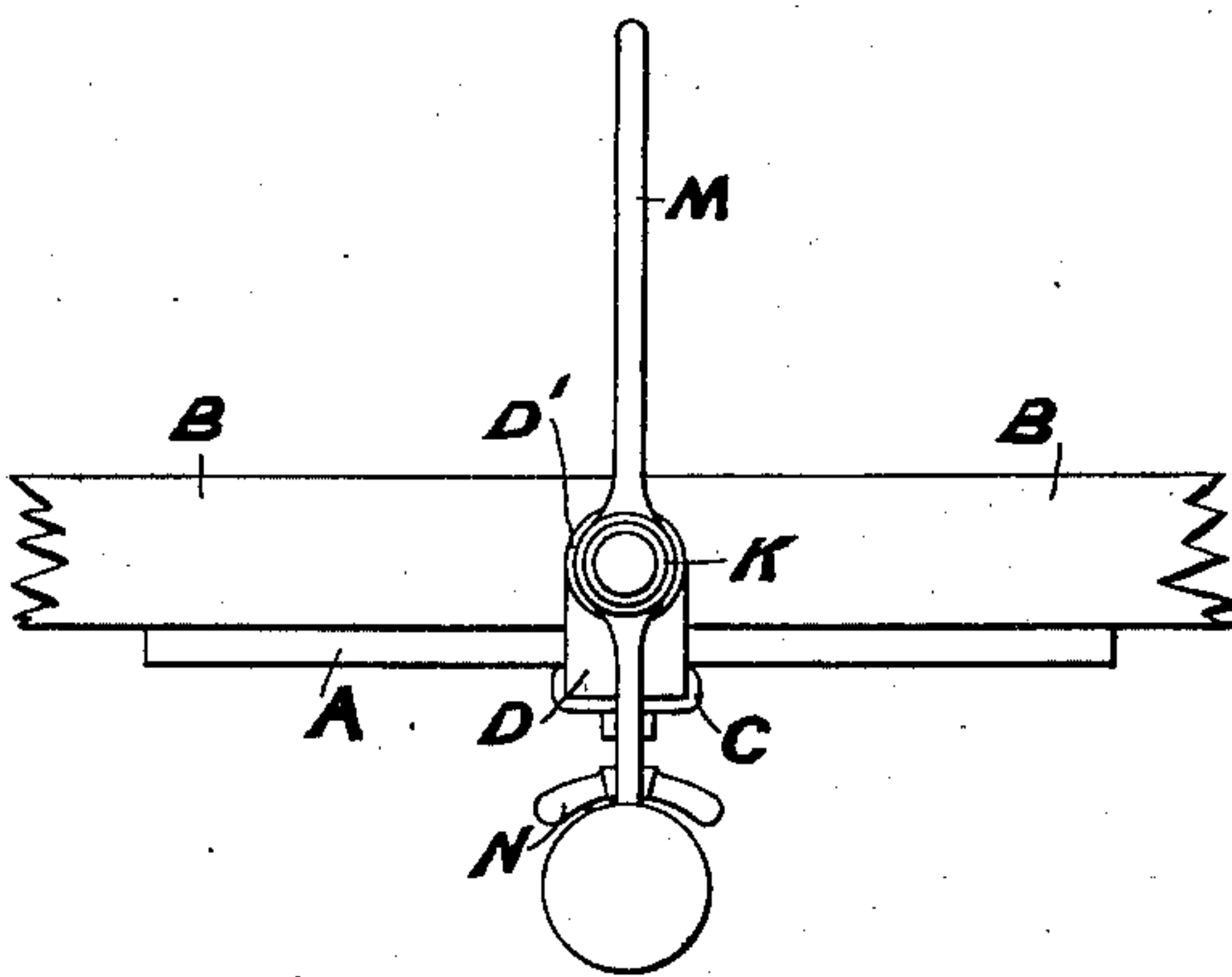


FIG. 5.



Witnesses

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# UNITED STATES PATENT OFFICE.

THEODORE BROOKE JONES, OF HARROGATE, ENGLAND.

## LEAF-HOLDER.

SPECIFICATION forming part of Letters Patent No. 654,985, dated July 31, 1900.

Application filed September 19, 1899. Serial No. 731,022. (No model.)

*To all whom it may concern:*

Be it known that I, THEODORE BROOKE JONES, a subject of the Queen of Great Britain and Ireland, and a resident of Harrogate, in the county of York, England, have invented certain new and useful Improvements in Leaf-Holders, (for which I have made application for a patent in Great Britain, No. 9,399, bearing date May 4, 1899,) of which the following is a specification.

The object of my invention is to construct a leaf-holder for holding music and the like in such a manner that the finger of the said leaf-holder may be turned in the ordinary way and be held in position by friction or it may be so balanced as to return to the vertical position automatically, the change from one type to the other being effected in a most simple and effective manner; and my invention has also reference to means whereby the position of the leaf-holder may be adjusted relatively to the music-rest in order to suit the various widths and thicknesses of books.

In the drawings, Figures 1 and 2 are respectively a sectional side elevation and a sectional end elevation, drawn to an enlarged scale, of a leaf-holder constructed according to my invention, showing the finger free to balance on its spindle; and Fig. 3 is a sectional side elevation of the same leaf-holder with the finger held in position by friction. Figs. 4 and 5 are respectively a side elevation and an end elevation of my leaf-holder shown adjustably attached to a music-rest.

E is a barrel having an exterior screw-thread, so that it may be screwed into a music-rest B or other place of attachment, and F is a spindle screwed or otherwise fixed in said barrel. At the outer end of the spindle F is a flange or collar G, and the face of the collar is grooved at H, so as to form a cam for a pin J to act upon. Said pin J is secured in a cap K, crosswise of the same, and said cap is fitted to turn and slide upon the spindle F. The cap K is recessed for the collar G, and there is a spring in said recess between the collar G and said cap. M is a finger pivoted upon the spindle F between the barrel E and the cap K, and said finger has

a weight upon one end to form a counter-balance.

When the parts are in the position shown in Figs. 1 and 2, the pin J is at right angles to the cam-groove in the face of the collar G, and the cap is prevented from being moved by the spring L toward the barrel E in consequence of the pin J bearing upon the highest parts of the cam end of the collar, and in this position of the parts the finger M can swing freely upon the spindle F.

By giving the cap K a quarter-turn the pin J is brought parallel with the cam-groove in the face of the collar G, and the spring L moves the cap toward the barrel E and clamps the finger M between said barrel and cap, as shown in Fig. 3, so that said finger M will be held in the desired position by the friction of the parts; but the finger may be turned without moving back said cap K. It will thus be seen that the finger M can be used as an ordinary leaf-holder if the pressure of the spring L is allowed to act on the cap K, and if it is desired to allow the finger M to act freely in its pendulum form a quarter-turn of the cap K causes the pin J to ride up the cam end H and cause the cap K to move away from the barrel E and release the finger M.

The above-described leaf-holder may be attached to any music-rest by screwing the barrel E direct into the material forming the rest; but where it is desired to have the leaf-holder adjustable to suit various widths and thicknesses of books I employ the arrangement shown in Figs. 4 and 5, in which a dovetailed rail A is attached to the under side of the music-rest B and a compound slide C, which is fitted to slide on said rail A, and said slide carries a sliding bracket D, having a turned-up end D'. The barrel E of the leaf-holder is screwed into the end D' of the bracket D, so that its center is at about the height of the center of the music-rest B, and the compound slide is provided with a clamping-screw N, which permits of the sliding bracket D and rail A being locked together.

The sliding bracket D and the compound slide C are first adjusted relatively to the music-rest B and set to suit the width and



thickness of the book. Then by tightening the clamping-screw N the bracket D is firmly clamped to the rail A and the leaf-holder securely held in position.

5 I claim as my invention—

1. The combination with the barrel E, the spindle F secured to said barrel, a collar G with a cam-groove therein at the outer end of said spindle and a weighted finger pivoted  
10 upon said spindle, of a cap K fitted to turn and slide upon the spindle F, and having a recess therein, a cross-pin in said cap adjacent to the face of said collar, and a helical spring in the recess of said cap and acting between  
15 said cap and collar, substantially as specified.

2. The combination with the leaf-holder having a projecting spindle, and the rail adapted to be secured longitudinally upon the under side of the music-rest, of a slide connected  
20 to and movable along said rail, a bracket having an upturned end receiving the spindle of the leaf-holder and movable in said slide for

adjusting the leaf-holder transversely of the music-rest and means for clamping the bracket to the rail, substantially as specified. 25

3. The combination with the leaf-holder consisting of the attaching-barrel, a spindle secured to said barrel, a weighted finger pivoted upon said spindle, and means for clamping  
30 said finger, of the rail A, adapted to be secured longitudinally to the under surface of the music-rest, a slide C connected to and movable along the rail, a bracket D having an upturned end receiving said spindle of  
35 the leaf-holder and movable in said slide for adjusting the leaf-holder transversely of the music-rest, and means for clamping the bracket to the rail, substantially as specified.

In witness whereof I have hereunto set my hand in presence of two witnesses.

THEODORE BROOKE JONES.

Witnesses:

GRIFFITH BREWER,  
JOHN JOWETT.