

No. 656,771.

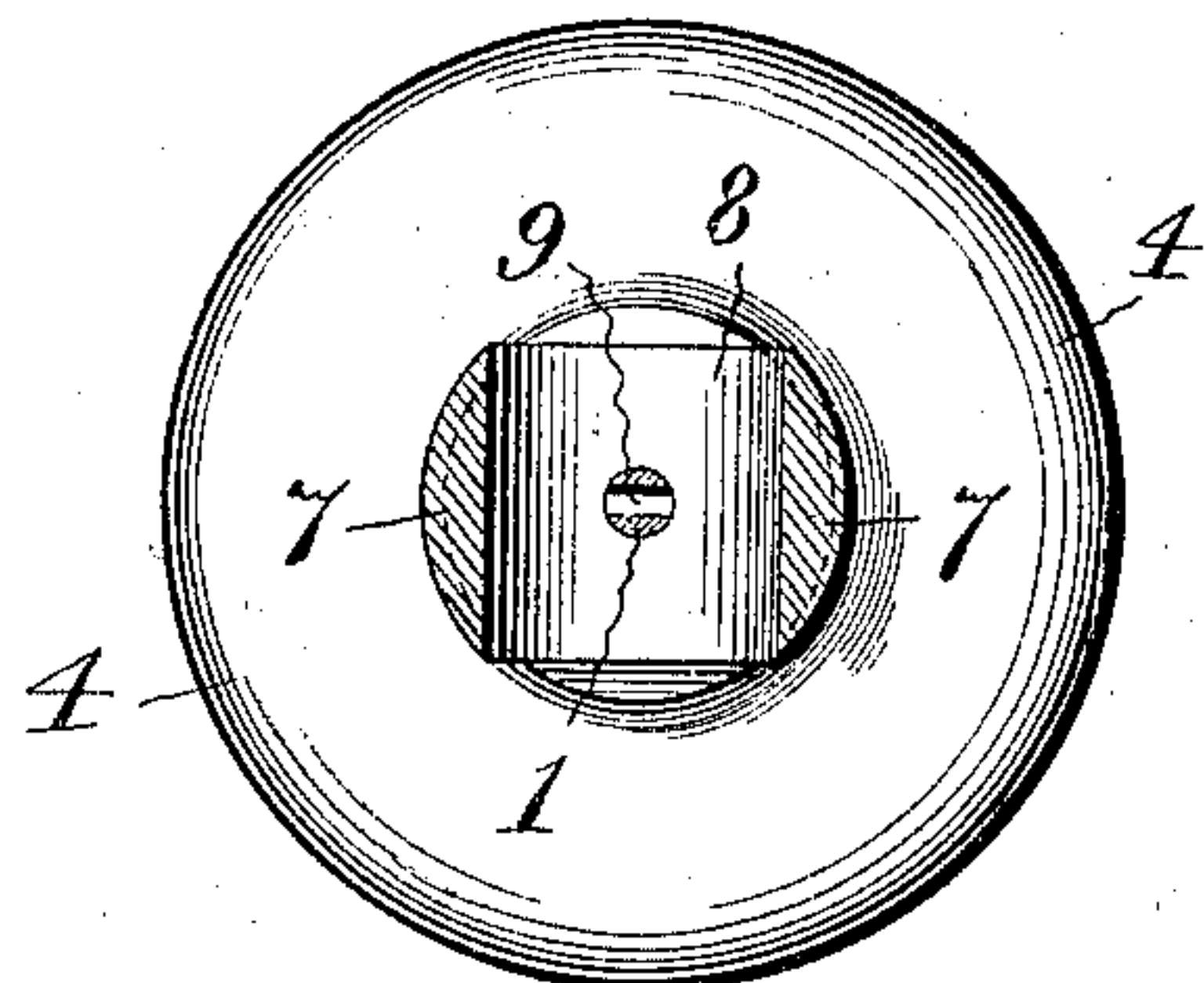
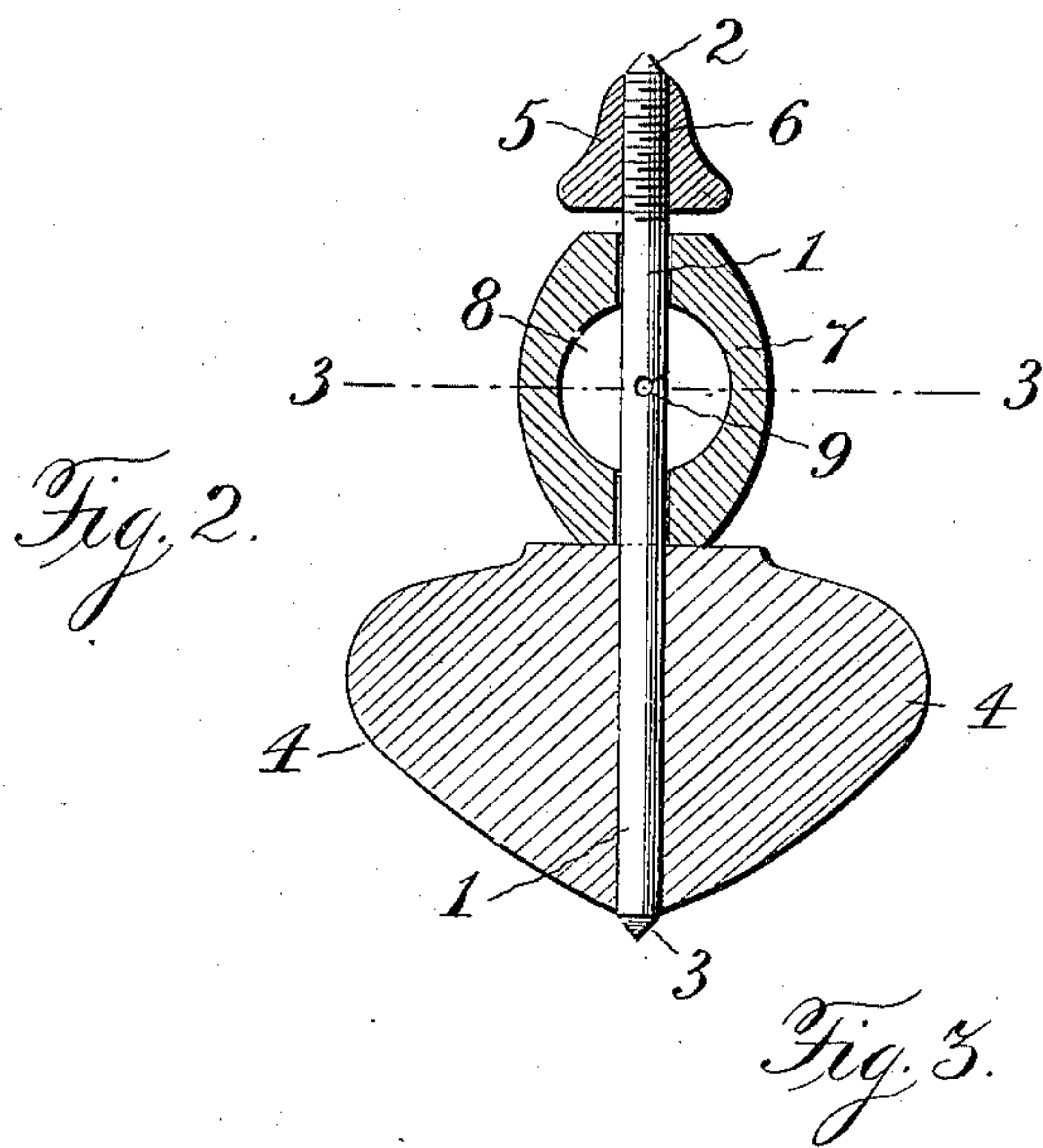
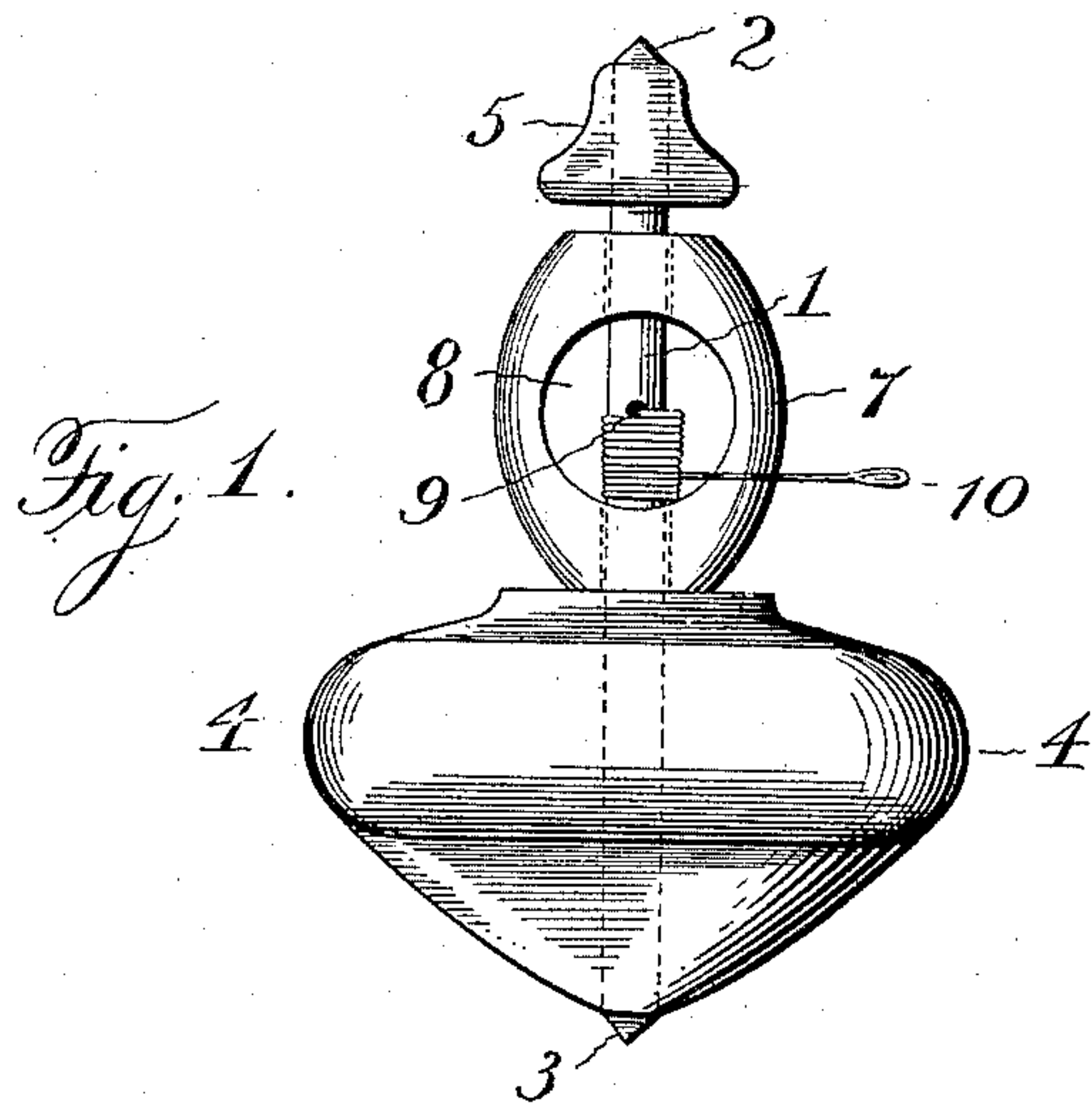
P. L. KOSCIALOWSKI.

Patented Aug. 28, 1900.

TOP.

(Application filed Jan. 12, 1900.)

(No Model.)



Witnesses

Jas. E. Hutchinson.
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UNITED STATES PATENT OFFICE.

PHILIP L. KOSCIALOWSKI, OF ROCHESTER, NEW YORK, ASSIGNOR TO
FRANK FAVOUR AND HAROLD C. MITCHELL, OF SAME PLACE.

TOP.

SPECIFICATION forming part of Letters Patent No. 656,771, dated August 28, 1900.

Application filed January 12, 1900. Serial No. 1,242. (No model.)

To all whom it may concern:

Be it known that I, PHILIP L. KOSCIALOWSKI, a citizen of the United States, residing at Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Tops, of which the following is a specification.

My invention relates to improvements in spinning-tops, its object being to cheapen the construction of this class of devices and render them more durable.

I shall proceed to describe the invention in detail, reference being had to the accompanying drawings, in which—

Figure 1 is a side view of my improved top. Fig. 2 is a vertical central sectional view of the same, and Fig. 3 is a section on the line 3 3 of Fig. 2.

Referring to the drawings, 1 indicates a metal spindle or shaft, which is preferably straight and round and slightly pointed at its ends 2 3. The main portion or body 4 of the top is constructed of wood turned into some suitable shape and having a central opening, through which the spindle 1 passes, the spindle being rigidly connected to the body in some suitable manner. This may be effected by boring the axial opening in the body slightly smaller than the spindle and then driving the spindle into it. The spindle may be slightly roughened or ribbed, if desired, to cause it to hold more securely in the body. The spinning end 3 of the spindle projects slightly below the body 4.

Upon the upper end of the spindle is a head 5, which may be shaped as shown or of some other suitable design. It is preferable to have the head removable, and to accomplish this I preferably thread the upper end of the spindle at 6 and screw it into the axial opening in the head. Between the head and the body and loosely pivoted on the spindle is a sleeve 7, having a transverse opening 8 extending through it. The sleeve is arranged symmetrically upon the spindle, the spindle passing diametrically across the opening 8. A perforation 9 is preferably made in the spindle midway of the opening 8 for the reception of one end of a string 10. The string is simply passed through the perforation and knotted at its ends to prevent it from slipping out.

The operation of my improved top is as follows: The sleeve is held in the hand between

the thumb and finger, and the string is wound upon the shaft by turning the head or the body. The string is then pulled quickly, causing the spindle and the attached head and body to rotate rapidly, and at the same time the top is dropped upon the surface upon which it is to spin. The string is pulled out to nearly its full length and then released, and as the top begins to spin it immediately rewinds the string upon the spindle. When the top stops spinning, the string is found to be rewound and in condition to again spin the top by simply giving it a quick short pull.

The spindle passing entirely through the several parts of the top connects them securely together and also provides two durable spinning-points. By carrying the opening 8 entirely through the sleeve I am enabled to easily attach the string to the spindle and to renew it as often as may be necessary without any difficulty. The only part of the top which is at all likely to break is the sleeve, and by making the head 5 easily removable I provide for placing a new sleeve on the spindle should it become necessary. The top is exceedingly strong and durable on account of the rigid connection and support given to it by the metal spindle passing through the parts.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

A spinning-top comprising, in combination, a straight metal spindle having a perforation to receive a cord, a threaded end, and two spinning-points, a head screwed upon the threaded end of the spindle, a body through the axis of which the other end of the spindle passes, a sleeve loosely mounted on the spindle between the head and body and having a transverse opening extending entirely through it, the perforation in the spindle being arranged within said opening, the spinning-points of the spindle projecting slightly beyond said head and body, and a cord connected to the spindle at the perforation therein, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

PHILIP L. KOSCIALOWSKI.

Witnesses:

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