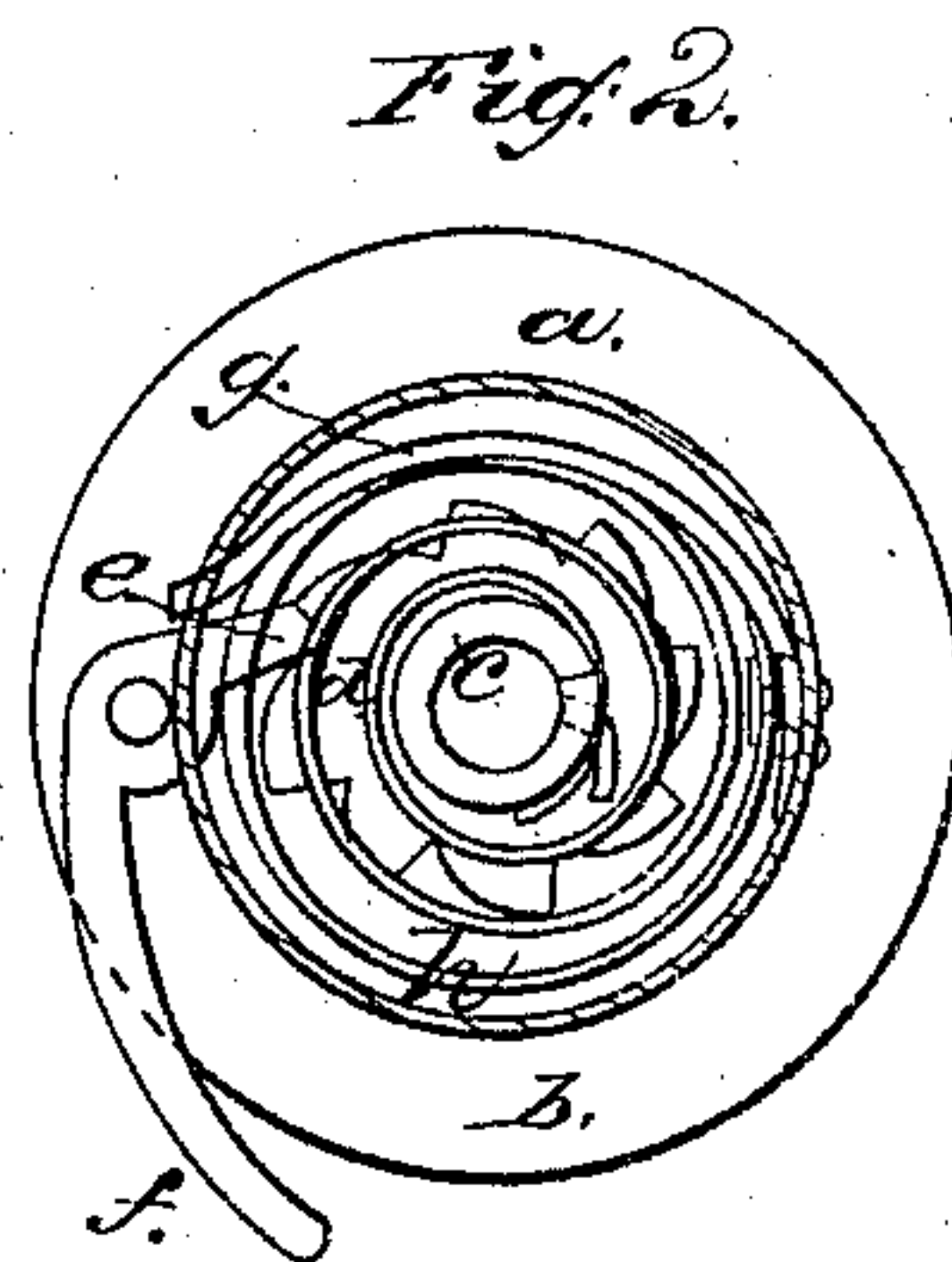
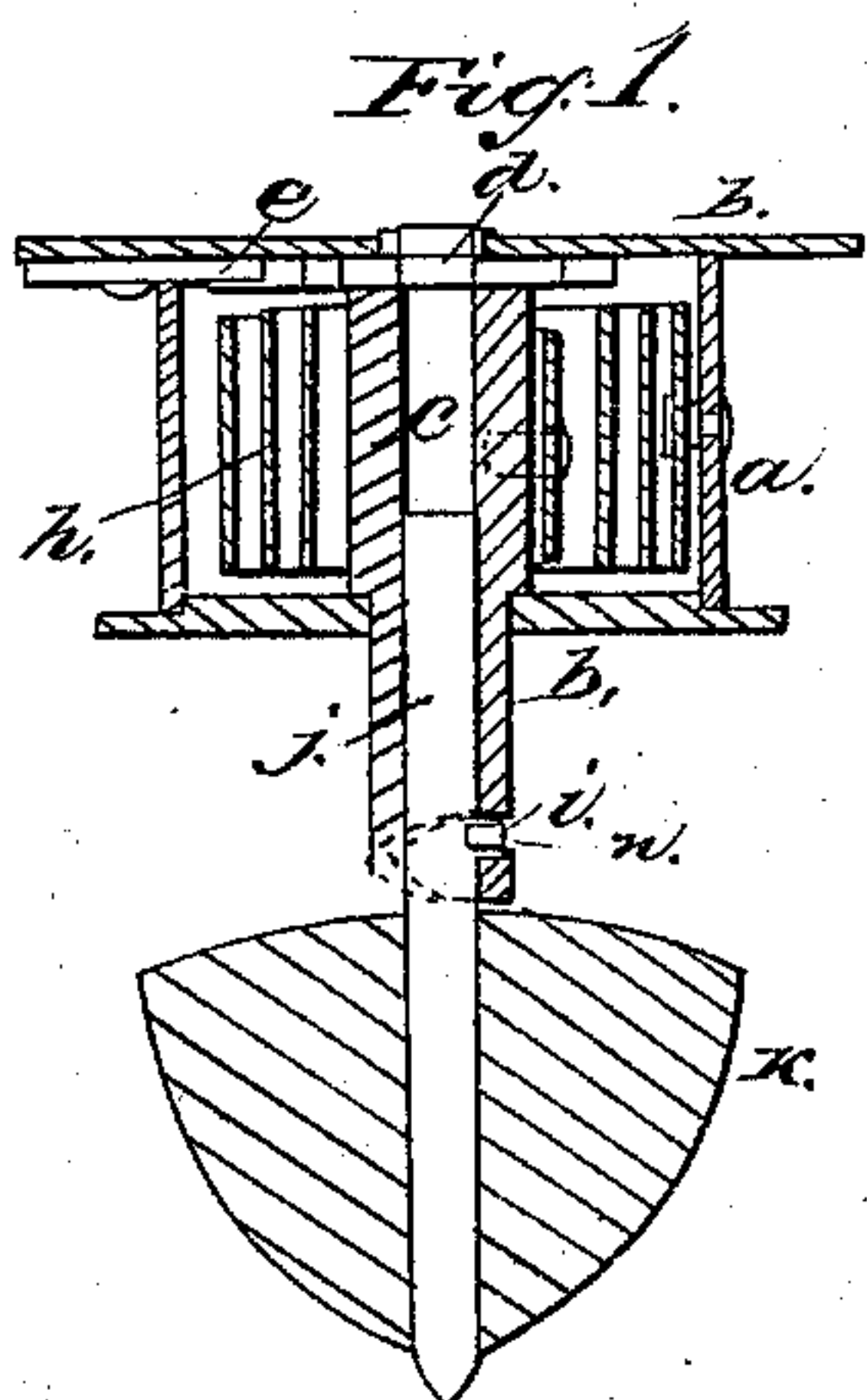


J. Wright,
Spinning Top,
N^o 33,284. *Patented Sep. 10, 1861.*



Witnesses,
Benjamin F. Hawley
Henry L. Bradley

Inventor,
Julius Wright

UNITED STATES PATENT OFFICE.

JULIUS WRIGHT, OF BRISTOL, CONNECTICUT, ASSIGNOR TO HIMSELF AND JOSEPH SIGOURNEY, OF SAME PLACE.

WHIRLING-JACK FOR SPINNING TOPS, &c.

Specification forming part of Letters Patent No. 33,284, dated September 10, 1861.

To all whom it may concern:

Be it known that I, JULIUS WRIGHT, of Bristol, county of Hartford, and State of Connecticut, have invented certain new and useful Improvements in Whirling-Jacks for Toys, &c.; and I do hereby declare that the same is described and represented in the following specification and drawings; and to enable others skilled in the art to make and use the same I will proceed to describe its construction and operation, referring to the drawings, in which the same letters indicate like parts in each of the figures.

The nature of this device will be fully understood from the accompanying drawings and specification.

The object of this invention is to do away with the irksomeness in the use of the string now commonly used for spinning the top, and to substitute therefor a device by the use of which a sensation of double pleasure is produced in whirling the top.

In the accompanying drawings, Figures 1 and 2 show its peculiarities and its component parts.

a is a metallic cylinder or case, made of such length and diameter as may be desired.

b are the heads, which may be made the same size, or nearly so, of the diameter of the cylinder, and secured to the cylinder by any of the ordinary modes of fastening. In these heads *b* and in a line with the center of the cylinder are provided bearings for a tubular spindle *c*. On one end of said spindle is secured a ratchet *d*, one tooth of which is made longer than the other, the object of which is to act as a stop and to prevent more than one revolution of the spindle *c* in either direction. The pawl *e* is secured by screw or pin in a proper manner on one of the heads *b*, either outside or inside of the cylinder, proper care being used so to form the thumb-piece *f* that by the pressure of the thumb or finger thereon from the outside the click or pawl *e* may be

released from the short teeth of the ratchet *d* and again thrown back against the ratchet by the action of a spring *g* against the side thereof.

h is a metallic spring, or other proper elastic material, one end of which is secured to the side of the cylinder and the other end (the inner end) is secured to the spindle *c*. On the outer end of the spindle *c* is sometimes made a spirally-formed notch or slit *n*, the object of which is to receive a pin *i*, formed in the stem *j* of a top (or other toy to which it may be applied) and by means of which the impetus is communicated to the top *k* through its stem *j*. It will be readily seen that while the jack is held in one hand and the top in the other, by placing the stem *j* thereof into the spindle *c*, with its pin *i* resting in or against the spiral notch *n*, and giving it (the top) one turn or revolution, it will increase the tautness of the spring *h*, and by pressing the thumb-piece *f* a rapid motion will be imparted to the spindle *c* and by it to the top, thus doing away or overcoming the irksomeness of using the cord, as now in common use, and thereby rendering the amusement with the top a double pleasure.

I believe I have thus shown the nature, construction, operation, and the advantage to be derived therefrom, so as to enable a person skilled to make and use the same.

What I claim, therefore, and desire to secure by Letters Patent, is—

1. The spindle *c*, spring *h*, ratchet *d*, and pawl *e* combined, substantially as and for the purpose described.

2. The whirling-spindle *c*, in combination with a toy-stem *j*, substantially as and for the purpose described.

In testimony whereof I have hereunto set my hand and seal this 2d day of August, 1861.

JULIUS WRIGHT. [L. S.]

Witnesses:

BENJAMIN F. HAWLEY,
HENRY L. BRADLEY.