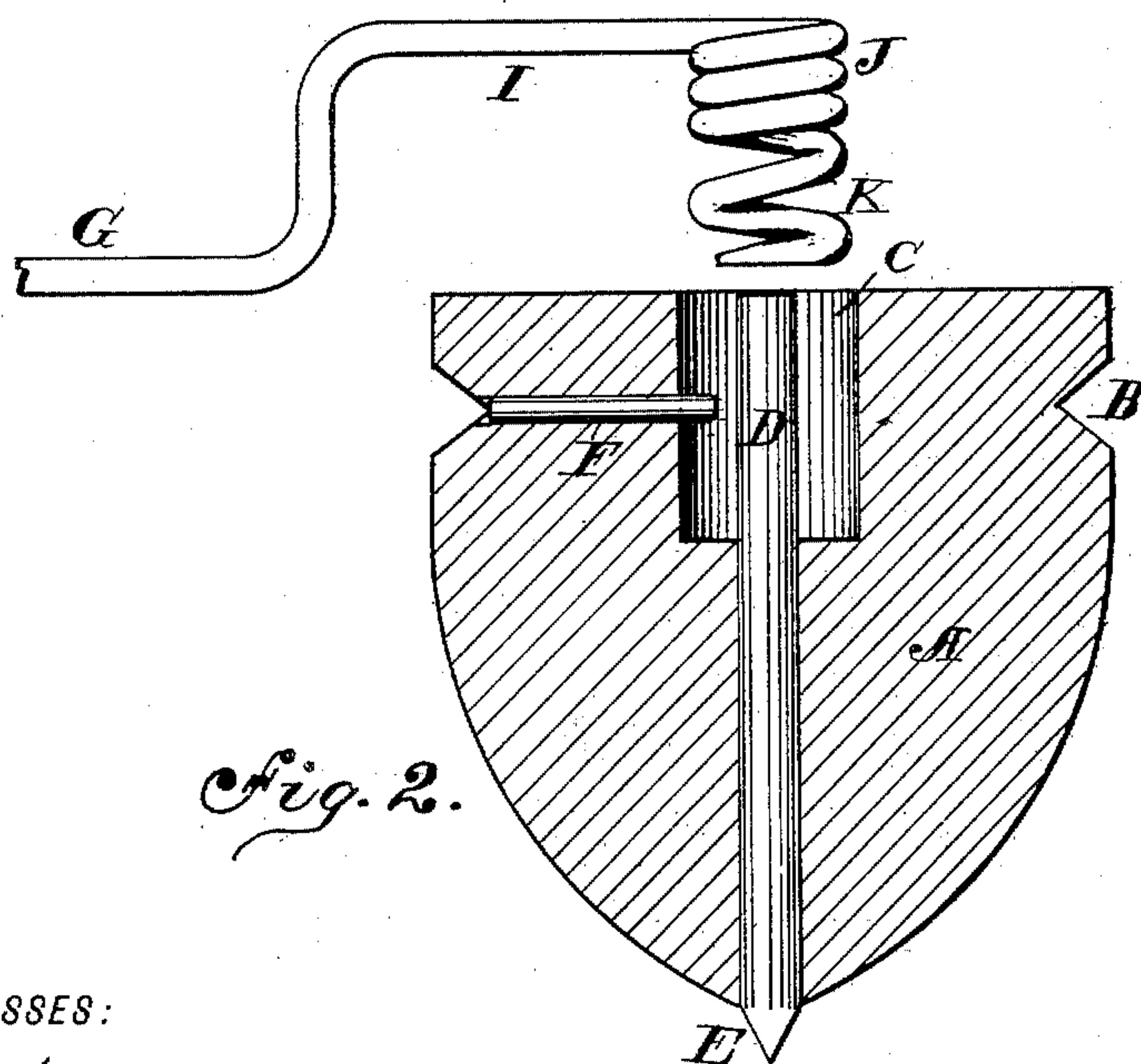
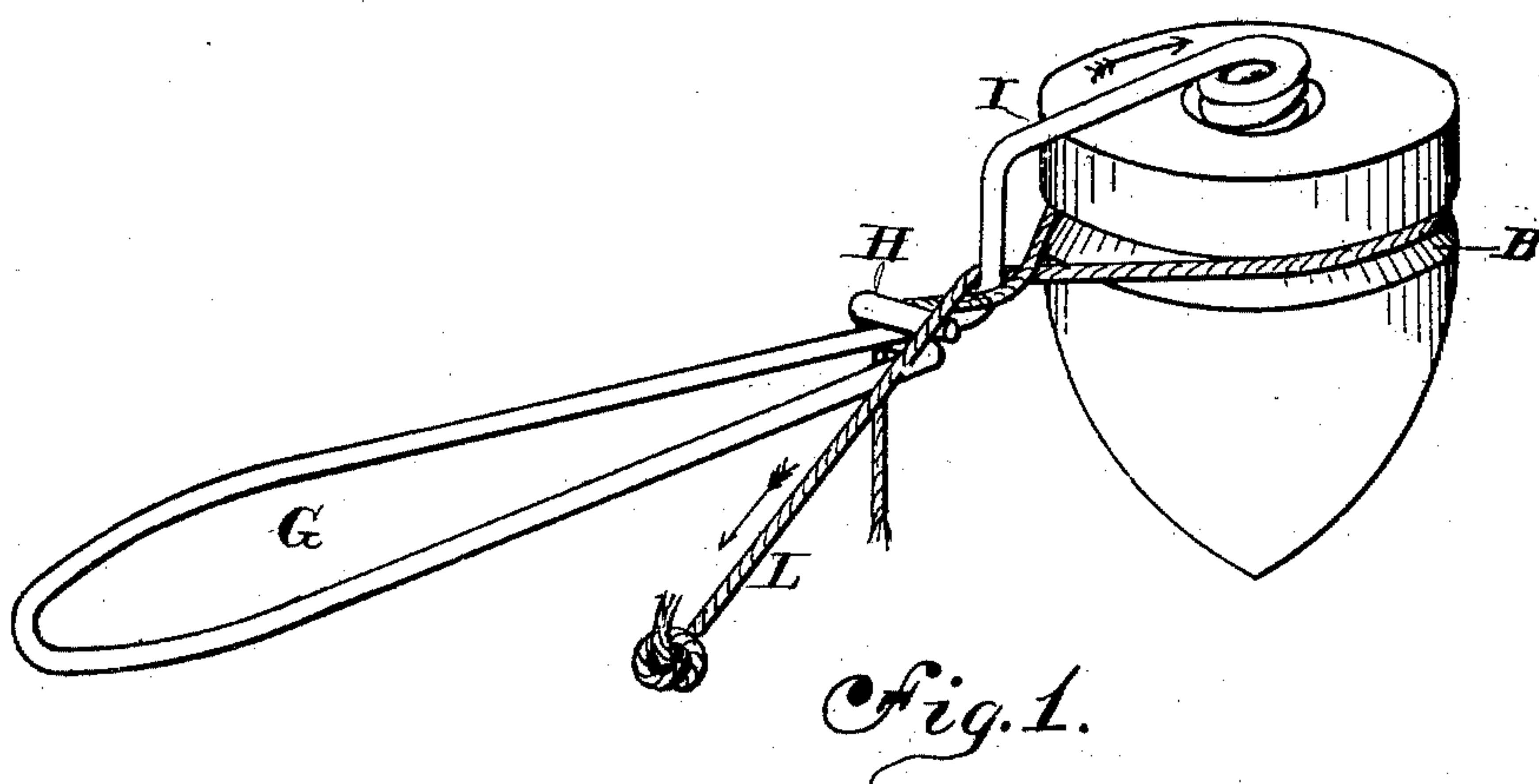


No Model.)

F. W. L. BOLDECK.
SPINNING TOP.

No. 468,233.

Patented Feb. 2, 1892.



WITNESSES:

G. B. Wright
A. S. Ellis

INVENTOR

F. W. L. Boldeck
BY *J. S. York*
ATTORNEY.

UNITED STATES PATENT OFFICE.

FRIEDRICH W. L. BOLDECK, OF JERSEY CITY, NEW JERSEY.

SPINNING-TOP.

SPECIFICATION forming part of Letters Patent No. 468,233, dated February 2, 1892.

Application filed October 15, 1890. Renewed November 2, 1891. Serial No. 410,586. (No model.)

To all whom it may concern:

Be it known that I, FRIEDRICH W. L. BOLDECK, a citizen of the United States, and a resident of West Hoboken, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Spinning-Tops, of which the following is a specification.

The object of my invention is to construct a new and improved spinning-top so arranged that it can be readily spun by any child and which provides a means for holding the top and handle together, so that the cord can be adjusted, and when adjusted and drawn around the top to give it the proper impetus the top will by the initial turning motion release itself, as will now be set forth in detail.

Figure 1 is a perspective view of the handle with the top attached thereto and the cord applied preparatory to spinning the same, and Fig. 2 a side view of portion of the handle and vertical section of the top.

The top A may be made of either wood or metal, provided with an annular V-shaped groove B near the upper end. Centrally in the top is a circular chamber or depression C, within which is placed the vertical stem D, which stem preferably passes down through the body of the top and projects through its lower end, so as to provide a point E. At or within the groove B on one side I drive in a horizontal pin F, which projects into the chamber C a short distance.

The handle is composed of a single piece of wire bent at one end to form a loop G. One terminal of this wire is bent at right angles and looped around the other, as shown at H. The other terminal extends beyond this point and is bent upwardly and forwardly, as at I, terminating in a downwardly-projecting coil J. The last turn or two of this coil is open, as shown at K, so that when the stem D is inserted in the coil and the top turned to the left the pin F will engage with the open end K of the coil J, and thus hold the top and handle together while the cord L is being attached. The cord may be wrapped around

the top in any way; but I prefer the manner shown in Fig. 1, wherein it will be seen that the cord is first placed in the loop H behind the wire which rests in this loop and then brought up around the wire, thence around the body of the top within the groove B, and thence under the part I of the handle and back over the top of the same. This disposition of the cord provides a friction for the loose end of the cord, which is very serviceable in the action of spinning the top.

In operation the top is rotated to the right, as shown by the darts, Fig. 1. The first rotation or two has the effect of releasing the pin F from the open coils K without disengaging the top from the coil; but when the cord has been entirely drawn through the top will drop down of its own weight. I find this in practice to be a very efficient and practical form of constructing the top, as by its use the difficulty of attaching the cord to this form of top and handle is obviated.

What I claim as new is—

1. In combination, a top having a groove in its periphery for engaging a cord, a handle, and a pin and spiral-groove connection between the top and handle, substantially as and for the purposes set forth.

2. A handle having a downwardly-projecting open coil, in combination with a top having a central depression, a stem to receive the coil, and a pin for engaging with said coil, substantially as herein set forth.

3. The combination of the handle having an open coil, as shown, and a loop for receiving the cord with the recessed top having therein the vertical stem and pin in the side of the recess, the annular groove in the body of the top, and the cord for spinning the same, substantially as herein set forth.

Signed at New York, in the county of New York and State of New York, this 14th day of October, A. D. 1890.

FRIEDRICH W. L. BOLDECK.

Witnesses:

G. B. ULRICHS,
J. S. ZERBE.