

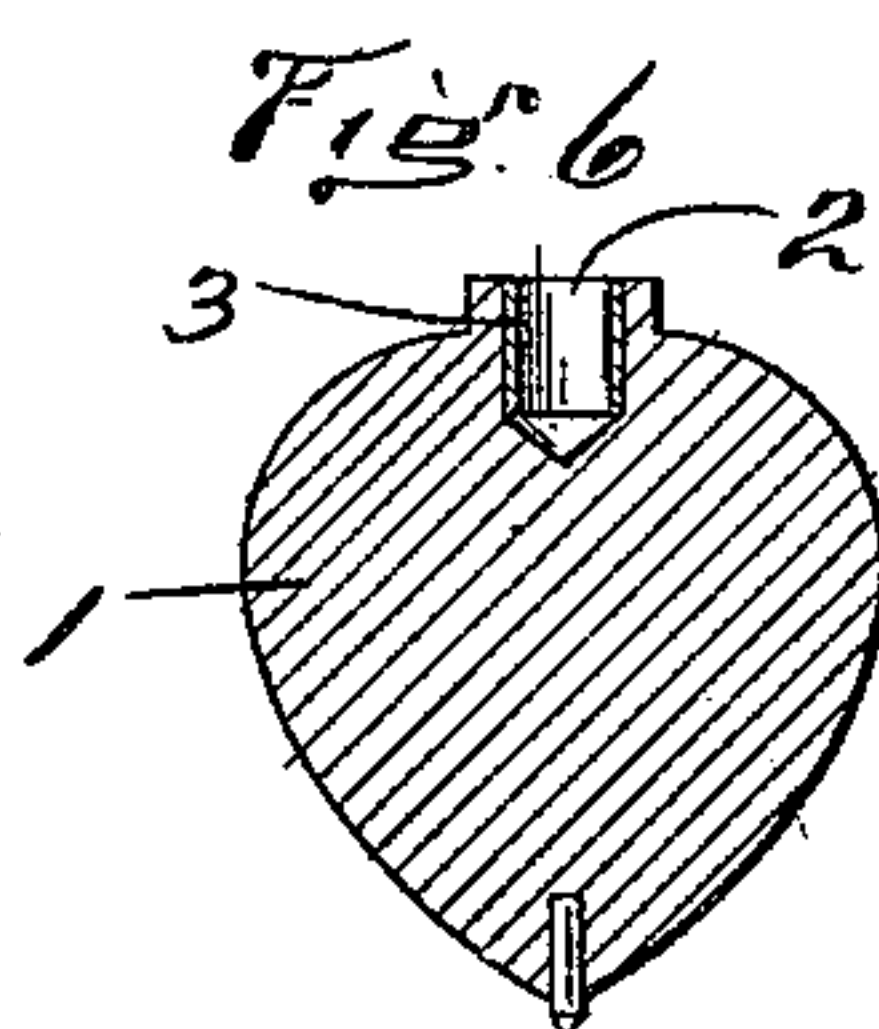
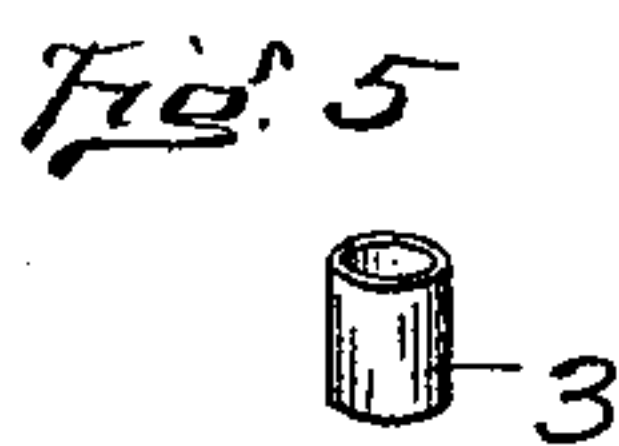
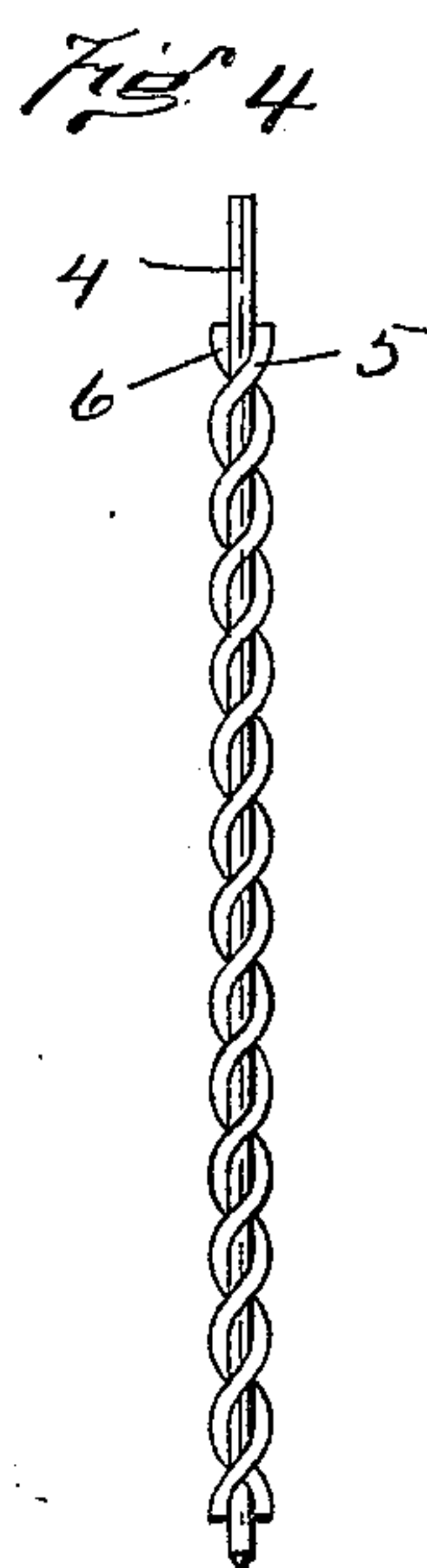
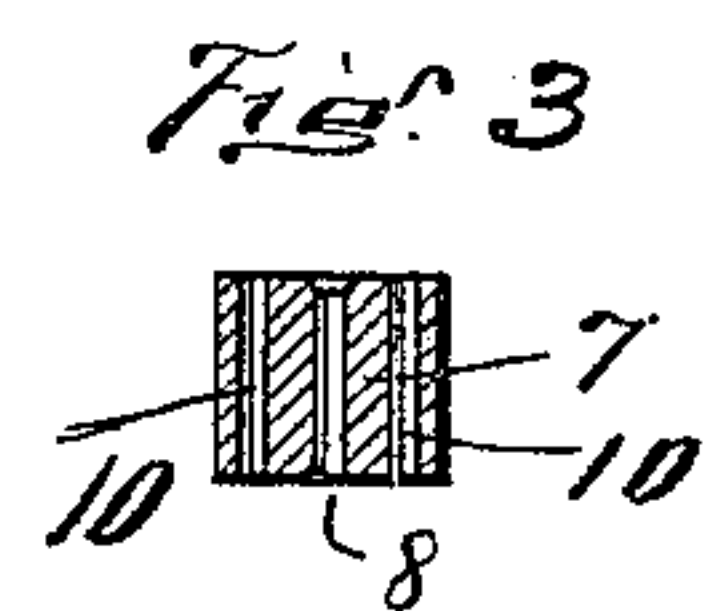
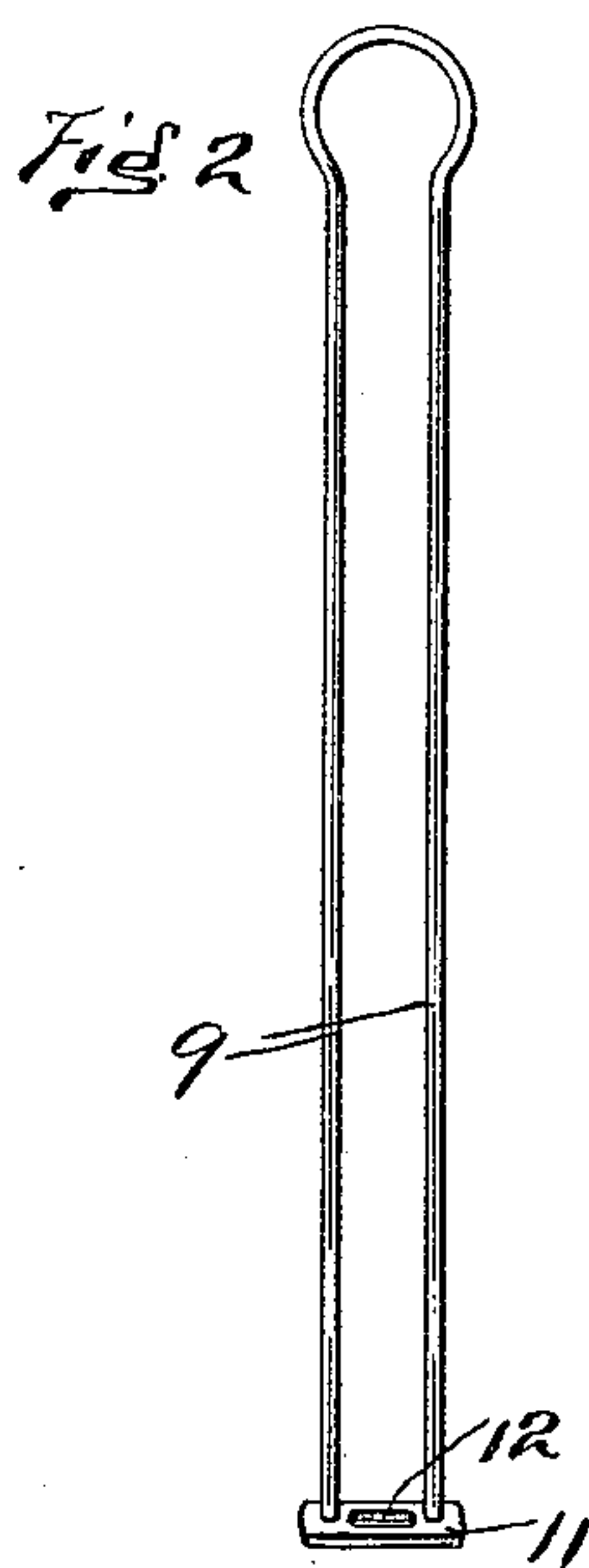
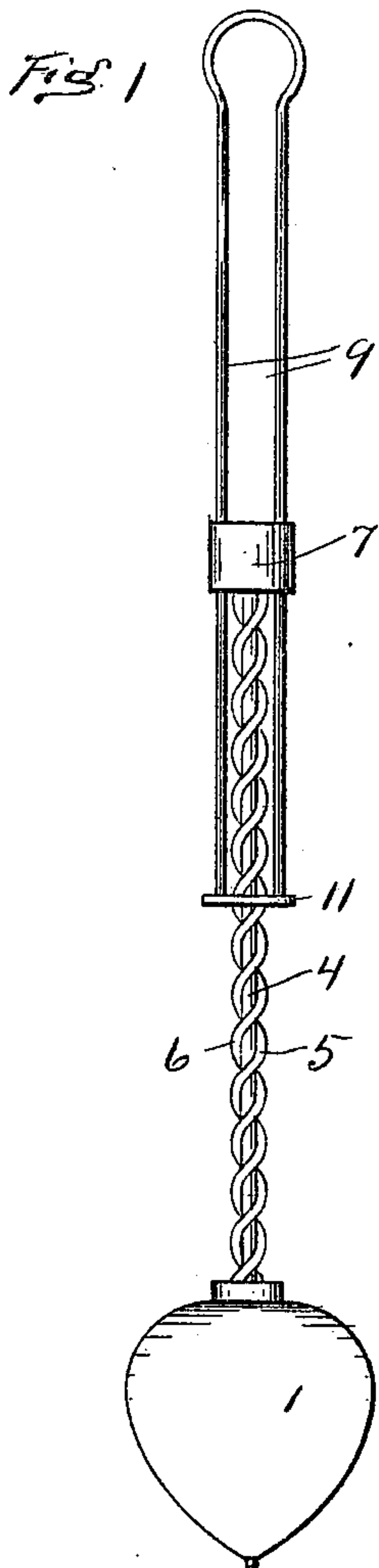
No. 641,653.

Patented Jan. 16, 1900.

I. E. STUMP.
TOP.

(Application filed May 29, 1899.)

(No Model.)



WITNESSES:

Glenas.
J. R. Bond.

INVENTOR.

Ira E. Stump
By J. W. Bond

Att'y.

UNITED STATES PATENT OFFICE.

IRA E. STUMP, OF CANTON, OHIO, ASSIGNOR TO EDWARD S. RAFF, OF
SAME PLACE.

TOP.

SPECIFICATION forming part of Letters Patent No. 641,653, dated January 16, 1900.

Application filed May 29, 1899. Serial No. 718,641. (No model.)

To all whom it may concern:

Be it known that I, IRA E. STUMP, a citizen of the United States, residing at Canton, in the county of Stark and State of Ohio, have
5 invented certain new and useful Improvements in Tops and Spinners Therefor; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings,
10 making a part of this specification, and to the figures of reference marked thereon, in which—

Figure 1 is a side elevation showing the different parts properly assembled. Fig. 2 is
15 a detached view of the sliding handle. Fig. 3 is a sectional view of the block. Fig. 4 is a detached view of the spindle. Fig. 5 is a detached view of the metal thimble. Fig. 6 is a sectional view of the top.

20 The present invention has relation to tops and spinners therefor; and it consists in the novel arrangement hereinafter described, and particularly pointed out in the claim.

Similar numbers represent corresponding
25 parts in all the figures of the drawings.

In the accompanying drawings, 1 represents the top, which may be of the form shown, or it may be of any other desired form, inasmuch as the top within itself forms no particular
30 part of the present invention, except that a top of some kind or style must be employed or used.

The top or upper end of the top 1 is provided with the open socket or recess 2, which
35 may be provided with an open thimble 3, which open thimble is connected to the socket 2 in any convenient and well known manner and is formed of metal. The spindle proper consists of the wires 4, 5, and 6. The wire 4 is
40 a straight bar formed of any desired length, reference being had to convenience in use. Around the wire or bar 4 are twisted the wires 5 and 6, said wires being so twisted that they will form parallel convolutions, or,
45 in other words, a screw-threaded spindle proper. The top or upper end of the bar 4 is journaled to the block 7, said bar being located in the aperture 8, formed in said block, and is so connected that it will rotate back
50 and forth, as hereinafter described. The

sliding handle 9 consists of two parallel bars preferably formed of a single piece of wire and bent at the top or upper end to form a handle. Upon the parallel bars 9 is located the block 7, said bars being passed through
55 the apertures 10, said apertures being so formed that the sliding handle will move back and forth through said apertures. At the bottom or lower ends of the bars 9 is connected the head 11, which in this instance
60 consists of a flat short bar properly connected; but it will be understood that any other form of bar can be employed without departing from the nature of my invention, as the object of said bar is to provide an elongated
65 opening 12, through which opening the bars 4, 5, and 6 are passed, and when said bar is moved, together with the rods 9, back and forth through the block 7 rotary motion will be imparted to the spindle proper.
70

The top 1 is connected to the spindle proper, as illustrated in Fig. 1, and when rotary motion is imparted to the spindle said spindle will impart a rotary motion to the top 1, which causes the top to spin when detached from
75 the spindle.

The convolutions of the wires 5 and 6 are so formed that when the rods 9 are moved upward or away from the top said top by its momentum will run off from the spindle; but
80 when the rods 9 are forced downward it will be understood that the spindle proper will rotate in the opposite direction, and for the purpose of assisting in detaching the top from the spindle when said spindle is rotated by
85 the downward movement of the rods 9 the head 11 will come in contact with the top or upper end of the top, and thereby force the top off from the spindle, which operation is performed without checking the momentum
90 of the top.

It will be understood that the socket 2 should be so formed that the spindle can be easily attached and detached to and from the top proper.
95

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

As an improved article of manufacture, a top provided with a socket the spindle formed
100

of the wires 4, 5 and 6, the wires 5 and 6
twisted around the wire 4, this block 7 hav-
ing journaled thereto the wire or bar 4, and
the sliding handle 9 located through the
5 block 7, and the head 11, substantially as and
for the purpose specified.

In testimony that I claim the above I have

hereunto subscribed my name in the presence
of two witnesses.

IRA E. STUMP.

Witnesses:

J. A. JEFFERS,

F. W. BOND.