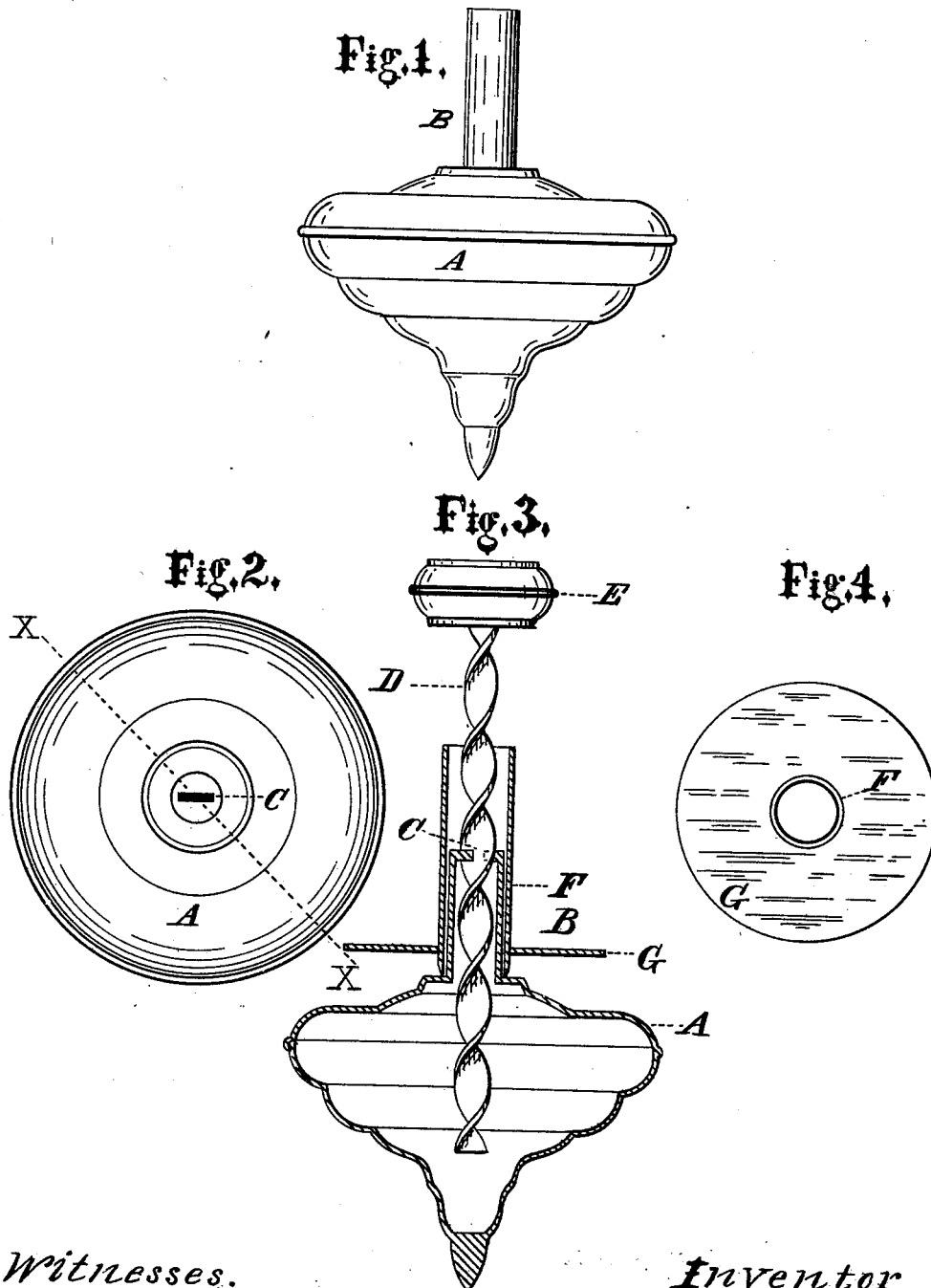


L. J. CARPENTER.
Spinning-Top.

No. 214,023.

Patented April 8, 1879.



Witnesses.

E. A. M^r Noughton
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Inventor

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UNITED STATES PATENT OFFICE

LEWIS J. CARPENTER, OF BUFFALO, NEW YORK, ASSIGNOR TO ESTELLE E. McNAUGHTON, OF CLEVELAND, OHIO.

IMPROVEMENT IN SPINNING-TOPS.

Specification forming part of Letters Patent No. 214,023, dated April 8, 1879; application filed February 6, 1879.

To all whom it may concern:

Be it known that I, LEWIS J. CARPENTER, of the city of Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Spinning-Tops, which improvements are fully set forth in the following specification and accompanying drawings, in which—

Figure 1 represents a side elevation; Fig. 2, a plan view; Fig. 3, a vertical central section through the top in line X X, Fig. 2, and a similar section through the holding-piece, also a side elevation of the spinning-screw; and Fig. 4 is a top view of the holding-piece.

The object of this invention is to produce a self-winding top; and it consists of a top having a hollow spindle, provided with a suitable opening to receive a screw of long lead, in combination with a tubular holding-piece arranged so as to keep the top in the proper position for receiving a spinning movement while the screw is being quickly withdrawn, as will be more clearly understood by reference to the drawings, in which—

A represents the body of the top; B, the hollow spindle, having a slot or opening, C, of the same width and thickness as the screw

D, which, as shown in the drawings, is made of a slip of flat twisted metal, but may be a screw of two or more threads, so as to give it the necessary lead. The opening C is made large enough so that the screw, if entered, will revolve or turn down by its own weight.

E is a knob or handle for holding the screw. F represents a holding-piece. It is provided with a flange, G, for the fingers to rest against while the screw D is being withdrawn to spin the top, which drops away from the holding-piece as soon as the screw leaves it.

In spinning the top, the part F, which is a tube having a flange, G, is put on the tube or spindle B, and the screw inserted, as shown in Fig. 3. The part F is held firmly in the hand while the screw is quickly withdrawn, thereby causing the top to drop and spin.

I claim as my invention—

A spinning-top having a hollow spindle, B, provided with an opening, C, in combination with a screw, D, and holding-piece F, as and for the purposes described.

LEWIS J. CARPENTER.

Witnesses:

A. J. SANGSTER,
JAMES SANGSTER.