

W.E. Woodbridge,
Spinning Top,
No 11,187, *Patented June 27, 1854.*

Fig. 1.

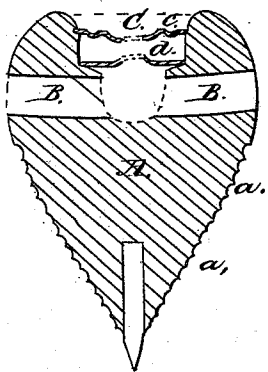
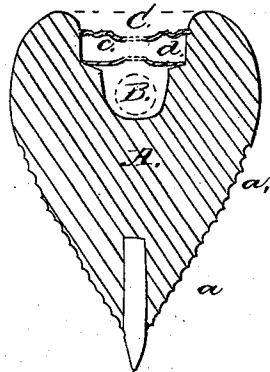


Fig. 2.



UNITED STATES PATENT OFFICE.

W. E. WOODBRIDGE, OF PERTH AMBOY, NEW JERSEY, ASSIGNOR TO CHARLES HUMPHREY.

WHISTLING TOP.

Specification of Letters Patent No. 11,187, dated June 27, 1854.

To all whom it may concern:

Be it known that I, W. E. WOODBRIDGE, of Perth Amboy, in the county of Middlesex and State of New Jersey, have invented a new and useful Improvement in Tops; and I do hereby declare that the following is a full and exact description of the same.

The nature of my invention consists in attaching to a top, a whistle or other instrument capable of producing a musical sound in such a way that it shall be caused to produce such sound by a current of air set in motion by its centrifugal force.

To enable others skilled in the art to make and use my invention, I proceed to describe its construction and operation, reference being had to the drawings annexed.

Figures 1 and 2 present sections at right-angles to each other through the axis of one of these tops.

The same letters refer to the same parts in both figures.

A represents the body of this top which is of the form of the common peg top and has grooves *a, a*, to receive the cord for spinning it.

A hole B, B, is made through the top at right-angles to its axis in its greatest diameter; and this is made to communicate with

an opening, C, in the line of its axis, in which the whistle is placed. The whistle is composed of two metallic disks shown in section at *c* and *d* having openings through their centers, and inserted, as represented, in the top.

When the top is spun the air contained in the hole B B will be thrown outward by its centrifugal force and a supply entering through the opening C the whistle is made to produce its sound.

I also propose to use in the place of the whistle a reed or any other suitable instrument for causing a current of air to produce a musical sound, and also to insert such instruments in any part of the current of air produced as above stated.

What I claim as my invention and desire to secure by Letters Patent is—

The attachment substantially as herein set forth, of a whistle or other instrument capable of producing a musical sound without regard to the particular form of the top or the mode in which it is set in motion.

W. E. WOODBRIDGE.

Witnesses:

S. E. WOODBRIDGE,
CHARLES HUMPHRY.