No. 773,072. PATENTED OCT. 25, 1904.

W. GRIFFIN.

WHISTLING TOP.

APPLICATION FILED MAY 19, 1904.

NO MODEL.

Fig. 1

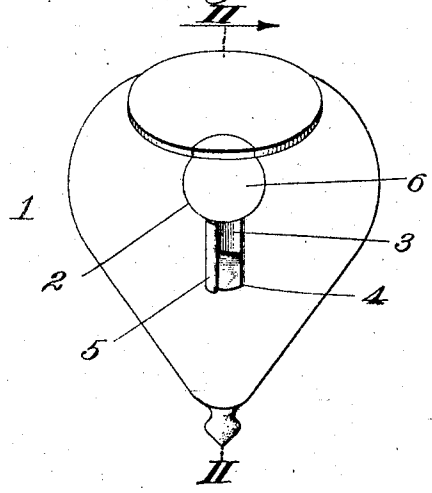


Fig. 5.

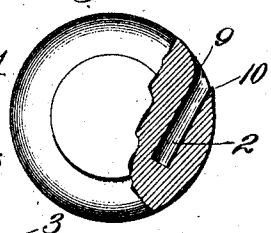


Fig. 2.

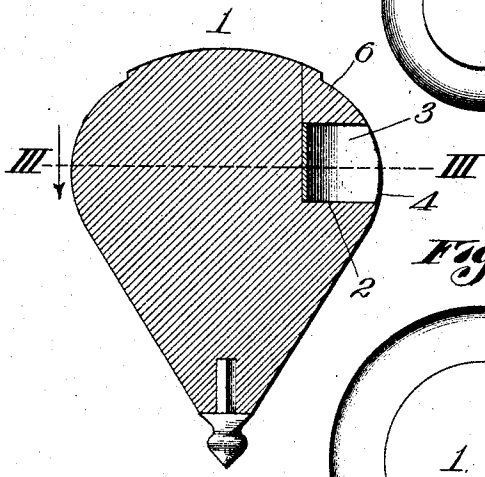


Fig. 3.

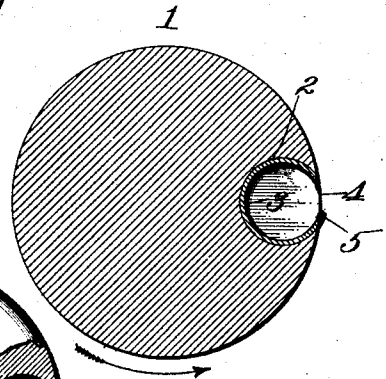
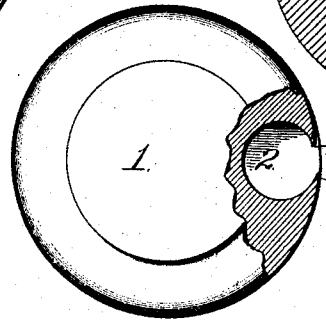


Fig. 4.



Witnesses
F. R. Glore.
H. C. Rodgers.

Inventor
Wm. Griffin
By George L. Thorpe
Atty.

No. 773,072. Patented October 25, 1904.

UNITED STATES PATENT OFFICE.

WILLIAM GRIFFIN, OF KANSAS CITY, MISSOURI.

WHISTLING-TOP.

SPECIFICATION forming part of Letters Patent No. 773,072, dated October 25, 1904.

Application filed May 19, 1904. Serial No. 208,649. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM GRIFFIN, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Whistling-Tops, of which the following is a specification.

My invention relates to tops of that type which are spun by the complete unwinding thereon and disconnection therefrom of a string as the top is thrown forcibly to the ground; and my object is to produce a top of this character which produces a whistling sound as long as the rapid spinning motion continues. A further object is to produce a top of this character of simple, cheap, and durable construction.

With these objects in view the invention consists in certain novel and peculiar features of construction and organization, as hereinafter described and claimed, and in order that it may be fully understood reference is to be had to the accompanying drawings, in which—

Figure 1 is a perspective view of a top embodying my invention. Fig. 2 is a vertical section taken on the line II II of Fig. 1. Fig. 3 is a horizontal section taken on the line III III of Fig. 2. Figs. 4 and 5 are plan views, partly in section, of modified forms of construction.

In the said drawings, 1 designates an ordinary top adapted to be spun in the usual manner.

2 designates a hole, preferably circular, which is bored into the top and opens through one side of the same, said hole being preferably formed near the point of greatest diameter of the top.

3 designates a sleeve fitting snugly in said hole and provided with a vertical slot 4, registering with the opening through the side of the top, that margin of the slot 4 which points in the direction in which the top spins projecting slightly beyond the plane of motion of the other margin, as at 5, so that as the top spins in the direction indicated by the arrow said projecting margin 5 of the slot shall cut the wind and cause the latter to produce a whistling sound, which sound will continue as long as the top is in rapid motion. One end of the sleeve is closed by the base of the hole 2 and the other by the plug 6, fitting and glued or otherwise rigidly secured in that portion of the hole projecting beyond the sleeve, though of course said plug may be of integral formation with the sleeve.

If desired, the top may be of the construction shown in Fig. 4, which figure discloses no sleeve, but simply the hole 2, with that margin 7 of the opening in the side of the top in advance with respect to the movement in spinning, slightly nearer the axis of the top than the opposite margin 8, so that the latter shall cut the wind, the result being the whistling sound. In this case one end of the hole will be closed by a plug unless the top should be molded, in which case the plug can be of integral formation with the body of the top, as will be readily understood.

In Fig. 5 the hole 2 is shown as horizontal and oblique to a radial line, the front margin 9 of the opening being nearer the axis of motion than the rear margin 10 for a reason explained in connection with the other types of construction.

From the above description it will be apparent that I have produced a whistling-top which embodies the features of advantage enumerated as desirable and which is obviously susceptible of modification without departing from the essential spirit and scope or sacrificing any of its advantages.

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

1. A top having a hole opening out through its side, and a sleeve fitting in said hole and formed with a slot registering with said opening, and having the rear margin of its slot projecting outward beyond the plane of its opposite margin.

2. A top having a hole opening out through its side, a sleeve fitting in said hole and formed with a slot registering with said opening, and having the rear margin of its slot projecting outward beyond the plane of its opposite margin, and a plug fitting in said hole and closing the proximate end of the sleeve.

In testimony whereof I affix my signature in the presence of two witnesses.

WILLIAM GRIFFIN.

Witnesses:

H. C. RODGERS,

G. Y. THORPE.