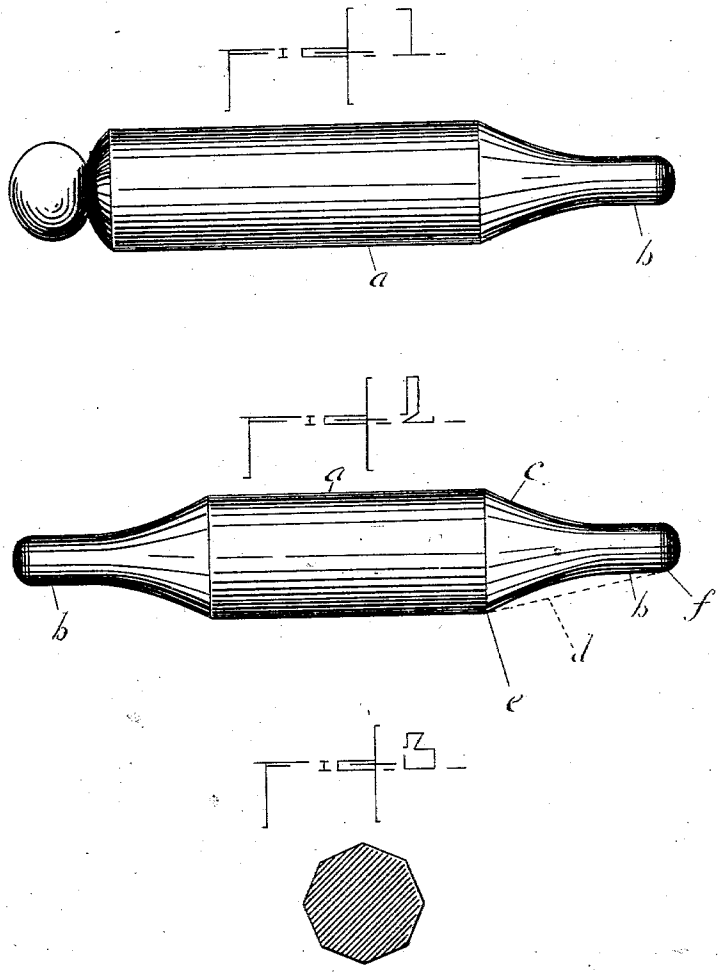
No. 753,029. PATENTED FEB. 23, 1904.

J. A. ASTARITA.

TIP CAT.

APPLICATION FILED OCT. 14, 1903.

NO MODEL.



WITNESSES:

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No. 753,029. Patented February 23, 1904.

UNITED STATES PATENT OFFICE.

JOSEPH A. ASTARITA, OF NEW YORK, N. Y.

TIP-CAT.

SPECIFICATION forming part of Letters Patent No. 753,029, dated February 23, 1904.

Application filed October 14, 1903. Serial No. 176,947. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH A. ASTARITA, a citizen of the United States, and a resident of New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Tip-Cats, of which the following is a specification.

My invention relates to certain improvements in the form of the juvenile toy used in the game of tip-cat, and more particularly to the shape or conformation of the tip-cat itself.

The object of my invention is to secure greater certainty in the stroke of the stick in the hands of the player when it engages the reduced end of the cat, and to further provide an enlarged striking-surface. Heretofore this device has usually been made with its reduced ends of conical or tapered form, the taper extending from the larger cylindrical portion to the very end of the device. The stick in the hands of the player is supposed to engage this conical or tapered portion and by tilting the device to cause it to fly into the air. In this form it is obvious that the stick of the player must strike the engaged surface at the inclination, while moreover where the taper is a uniform one the surfaces by engaging any slight obstruction on the ground may divert the tip-cat from a straight path.

My invention consists in providing a device with a tip whose sides are straight—that is, parallel to the longitudinal axis of the device instead of being inclined thereto, as in the usual form—said straight or cylindrical portion being joined to the body portion by a cone-shaped section or one which in general may be defined as cone-shaped, as it tapers from the body to the cylindrical striking portion, which latter projects a greater or less distance to afford a surface of considerable length to be struck by the stick in the hands of the player.

In the accompanying drawings, Figure 1 is a side elevation of the device embodying my invention. Fig. 2 shows the device provided with striking portions at both ends, and Fig. 3 shows in transverse section how the body portion may be provided with facets or plane surfaces to prevent the device from rolling out of the position in which it is placed on the ground.

Referring to Fig. 1, the main or body portion of the device is indicated by the letter *a* and the striking portion or tip by the letter *b*. This striking portion has straight or flat sides substantially parallel to the longitudinal axis of the instrument and is joined with the body or main portion *a* by the cone-shaped section *c*. The stick of the player engages the straight portion *b*. As will be seen, the space provided within the dotted line *d*, running from the extremity of the tip portion to the body portion, renders the device less liable to engage any obstruction upon the ground during the canting movement when it rocks on the point *e* until point *f* strikes the ground.

By making the body portion of such shape that it shall in sectional outline present the form of a polygon having three or more angles, I provide a number of facets or plane surfaces on which the device may rest without rolling out of the position in which it may be located by the player. Eight plane surfaces are shown in Fig. 3, but a less number might be provided.

What I claim as my invention is—

The improved tip-cat having the body portion *a*, and the straight cylindrical striking portion *b*, having extended straight surfaces substantially parallel to the longitudinal axis of the instrument and joined to the body portion by the cone or tapered section, *c*, so as to form a striking part when force is at right angles to the vertical line of stroke of the stick.

Signed at New York city, in the county of New York and State of New York, this 12th day of October, A. D. 1903.

JOSEPH A. ASTARITA.

Witnesses:

E. L. LAWLER,

C. T. TISCHNER, Jr.