July 21, 1925. 1,546,451

H. MEYERS

GAME TOP

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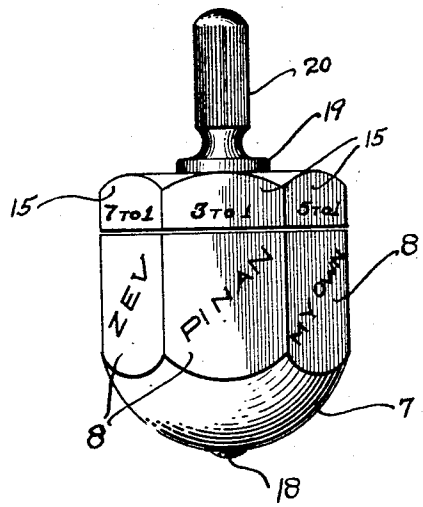


Fig. 1

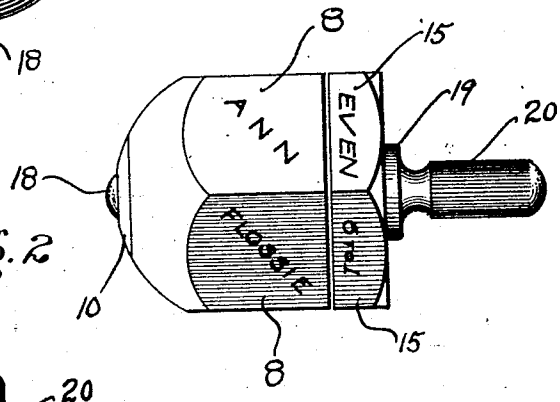


Fig. 2

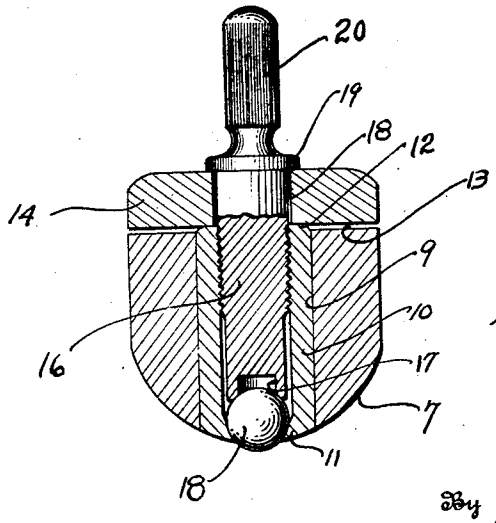


Fig. 3

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UNITED STATES PATENT OFFICE.

HARRY MEYERS, OF DETROIT, MICHIGAN.

GAME TOP.

Application filed December 1, 1924. Serial No. 753,104.

To all whom it may concern:

Be it known that I, HARRY MEYERS, a citizen of the United States, residing at Detroit, in the county of Wayne and State of Michigan, have invented a new and useful Improvement in a Game Top, of which the following is a specification.

My invention relates to a new and useful improvement in a top adapted for spinning on a flat surface and so arranged and constructed as to afford means for playing a game.

It is an object of the invention to provide a top adapted for being spun, provided with a pair of relatively rotating parts during the spinning operation, each of the parts being provided with corresponding faces, the faces of the different parts being changeable as to their relative position during the spinning operation, and adapted for coming to rest in juxtaposition, after spinning, the faces having a co-ordinating relation to each other in the game to be played.

It is another object of the invention to provide a spinning top of this class, having a pair of relatively movable parts mounted on a stem and adapted for independent rotation during the spinning operation.

Another object of the invention is to provide in a top of this class, a centrally disposed sleeve mounted to one of the bodies, adapted for engaging in threaded relation, a centrally disposed stem projected through the other body and provided with a ball engagable by the end of said stem, said ball affording a spinning or engaging point.

Other objects will appear hereinafter.

The invention consists in the combination and arrangement of parts hereinafter described and claimed.

The invention will be best understood by a reference to the accompanying drawings, which form a part of this specification, and in which:

Fig. 1 is a side elevational view of the invention in upright position.

Fig. 2 is a side elevational face of the invention in horizontal position.

Fig. 3 is a central, vertical, sectional view of the invention.

The invention, in its preferred form, as shown in the drawings, comprises a main body having a spherical lower portion 7, of the main body provided with a plurality of sides 8, upon which is indicated, in the present instance, the names of race horses or the like. The indicia means on the faces may, of course, be varied, the present representation being used for the purpose of illustration. The main body is provided with a bore 9 in which is positioned a sleeve 10, having its inner bore threaded. This sleeve is rounded at the end 11, to conform to the outlined contour of the spherical surface 7. As shown in Fig. 3, the upper end 12 of the sleeve projects slightly above the upper surface 13 of the main body, so that the smaller body 14 is not permitted to engage with its under surface against the upper surface 13 of the main body. This smaller body 14 is provided with a plurality of faces 15, corresponding in width and number to the faces 8, so that when one of the faces 15 is in alinement with one of the faces 8, the remaining faces 15 will be in alinement with the remaining faces 8. On each of the faces 15 is carried indicating means to indicate the score in the game, which each separate face will be entitled to when the top comes to rest, after being spun. In the present instance, this score indicating indicia I have illustrated as indicative of the odds to which the various horses indicated on the faces 8 are entitled. Threaded into the sleeve 10 is a stem 16 which has its lower end provided with a pocket 17. As shown in Fig. 3, the bore of the sleeve 10 is partly closed at the lower end, so that a ball 18 inserted into the sleeve from the upper end thereof, will be held by the reduced lower end of the sleeve and prevented from escaping therefrom. When the stem 16 is inserted through the opening 18 provided in the smaller body 14 and threaded into the sleeve 10, it may be threaded downwardly until the lower end engages the ball 18, so as to retain the same projecting slightly from the lower end of the sleeve 10, to provide a contact or spinning point. It will be noted that the ball 18 engages slightly in the pocket 17. This engagement of the ball 18 with the pocket 17 of the sleeve 16 is an engagement which holds the ball in fixed relation to the sleeve 10 and assures a spinning point which is very efficient. The sleeve 16 is provided with a flange 19, adapted for engaging the upper surface of the smaller body 14. The upper end 20 of the sleeve, is fluted or knurled to provide a rough surface for the fingers of the operator to grasp.

In playing the game, the players will select a certain face of the main body, as their

scoring side. The top is then spun and on account of the spherical surface 7 and the projection of the stem above the smaller body, the top is top heavy, so that upon ceasing to spin, it will quickly assume a horizontal position upon the surface upon which it is spun. When the top is being spun, the smaller body and the larger body will rotate at different speeds, so that if one of the faces 15 is in alinement with one of the faces 8, at the time of the beginning of the spinning of the top, this face will be in alinement with another face 8 when the top comes to rest, so that the scores to which the various faces 8 are entitled, varies with each spinning operation, the special scores being determined solely by chance. It will be noted that the faces 15 terminate in square corners, so that the length of these faces 15 is the same as the width of the faces 8, so that when the top comes to rest, after being spun on a plane surface, the faces 15 will be exactly in alinement with the faces 8.

The projection of the sleeve 10 slightly above the upper surface of the main body, prevents the smaller body 14 from engaging against a large surface, so that its rotation relatively to the main body, is thus facilitated.

While I have illustrated and described the preferred form of struture, I do not wish to limit myself to the precise details of structure shown, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

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

1. A top of the class described, comprising a main body portion; a sleeve mounted in said main body portion, having an interiorly threaded bore; a ball mounted in said sleeve and adapted for projecting slightly from one end thereof; a stem adapted for threading in said sleeve; and a comparatively smaller body mounted on said stem and rotatable relatively thereto.

2. A top of the class described, comprising a main body portion, and a bore formed therein; a sleeve mounted in said bore having the interior thereof threaded and said bore reduced at one end of said sleeve; a stem adapted for threading into said sleeve; a ball mounted in said sleeve and adapted for engaging the end of said stem, upon the threading of said stem into said sleeve, said ball forming a contact point for the spinning of said main body; and a comparatively small body rotatably mounted on said stem and adapted for engaging one end of said sleeve, said end of said sleeve projecting slightly beyond the end of said body.

3. A top of the class described, comprising a main body, having a plurality of display sides and a spherical shaped end; a sleeve mounted in said body, said sleeve having an interiorly threaded bore, one end of said sleeve being reduced; a ball mounted in said sleeve and adapted for projecting slightly from said sleeve at said reduced end; a stem adapted for threading into said sleeve and for engaging at one end, said ball for retaining the same in outwardly projected relation to said sleeve, said end of said stem being recessed; a comparatively small body rotatably mounted on said stem having a plurality of display faces adapted for coordination with the display faces on said main body; and a flange mounted on said stem for engaging the outer surface of said comparatively small body, the inner surface of said comparatively small body being adapted for engaging the end of said sleeve, said end of said sleeve being projected beyond the end surface of said main body.

4. A top of the class described, comprising a main body portion; a stem projecting outwardly from one side of said main body portion; a comparatively small body rotatably mounted on said stem; a member, separate from, and carried by said main body portion and projecting slightly therefrom at one side for forming a spinning point of substantially spherical formation.

In testimony whereof, I have signed the foregoing specification.

HARRY MEYERS.